

62

Gloekner

FLOWER
SEEDS

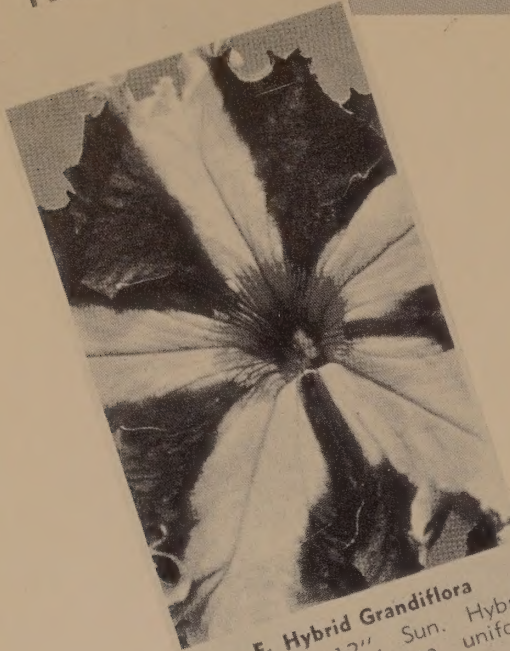
1962



PLASTIC PLANT TAGS

These plant tags illustrated in full Color and made of durable white plastic, attract attention to plant displays and tend to stimulate sales. Each tag lists the Correct Variety Name with a brief description of its growing habit and sun or shade requirements. The following is a list of what is available.

PETUNIA CALYPSO



F₁ Hybrid Grandiflora
Height 10-12". Sun. Hybrid
vigor produces large, uniform
flowers.

ACTUAL
SIZE

DESIGNED AND LITHOGRAPHED
IN U.S.A. BY
SWEENEY, KRIST & DIMM
PORTLAND 2, OREGON
PAT. APP. FOR

SCHEDULE OF PRICES FOR PLASTIC TAGS

5 to 10 boxes	@ \$2.20 per box
11 to 49 boxes	@ 2.00 per box
50 to 199 boxes	@ 1.85 per box
200 to 499 boxes	@ 1.75 per box
500 to 999 boxes	@ 1.70 per box
1000 boxes or more	@ 1.65 per box

Tags are packed 100 of one variety to the box. Broken lots of less than 100 of one variety not accepted.

MINIMUM ORDER ACCEPTED, 5 BOXES

PETUNIA—All Double Mixed
PETUNIA—Ballerina (Salmon Pink)
PETUNIA—Blue Lace (Orchid Blue)
PETUNIA—Blue Lustre (Deep Blue)
PETUNIA—Blue Magic (Deep Violet)
PETUNIA—Calypso (Red and White)
PETUNIA—Cherry Tart
(White and Cherry Red)
PETUNIA—Comanche (Flame Red)
PETUNIA—Comet
(Crimson Red & White Star)
PETUNIA—Coral Satin (Coral Pink)
PETUNIA—Crusader (Rose and White)
PETUNIA—Dwarf Giants of California
Mixed
PETUNIA—Fire Dance (Red)
PETUNIA—Glitters (Scarlet, Tipped White)
PETUNIA—La Paloma (White)
PETUNIA—Lyric (Light Salmon Pink)
PETUNIA—Maytime (Salmon Pink)
PETUNIA—Neptune (Light Violet Blue)
PETUNIA—Paleface (White)
PETUNIA—Pink Satin (Pink)
PETUNIA—Prima Donna (Rose Pink)
PETUNIA—Red Satin (Bright Red)
PETUNIA—Satellite (White on Pink)
PETUNIA—Sonata (White, Deeply Fringed)
PETUNIA—Single Mixed (Carnival)
PETUNIA—Single Mixed (Nana compacta)
PETUNIA—Sugar Plum (Orchid on Pink)
PETUNIA—Tango (Red)
PETUNIA—Venus (Rose Pink)
PETUNIA—White Magic (White)
PETUNIA—White Satin (White)
AGERATUM (Blue)
ALYSSUM—Carpet of Snow (White)
ALYSSUM—Rosie O'Day
ALYSSUM—Royal Carpet (Violet)
ASTER—American Beauty Mixed
ASTER—Crego W. R. Mixed
ASTER—Giants of California Mixed
CALENDULA—Mixed
CALENDULA—(Orange)
CALENDULA—(Yellow)
CARNATION—Mixed
CINERARIA—Mixed

DAHLIA—Unwin's Dwarf Mixed
DELPHINIUM—Pacific Giants Mixed
DIANTHUS—Bravo
LOBELIA—Crystal Palace (Blue)
MARIGOLD—African Giant Mixed
MARIGOLD—Crackerjack Mixed
MARIGOLD—Cupid
MARIGOLD—Dwarf Orange
MARIGOLD—Dwarf Spray
(Yellow, Maroon Edge)
MARIGOLD—Dwarf Bright Yellow
MARIGOLD—Dwarf Lemon Yellow
MARIGOLD—Petite Mixed
MARIGOLD—Spun Gold (Golden Yellow)
MARIGOLD—Tall African Lemon
MARIGOLD—Tall African Orange
PANSY—Arcadia Mixed
PANSY—Jumbo Mixed
PANSY—Roggli Mixed
PANSY—Swiss Giants Mixed
PHLOX—Dwarf Mixed
PHLOX—Globe Mixed
PHLOX—Twinkles Mixed
POPPY—Iceland Mixed
PORTULACA—Double Mixed
PRIMULA—Malacoides Mixed
SALVIA—Dwarf (Red)
SALVIA—Tall (Red)
SNAPDRAGON—Rocket Mixed
SNAPDRAGON—Tetra Mixed
STOCK—Giant Imperial Mixed
STOCK—Hi-Double Mixed
SWEET WILLIAM—Mixed
VERBENA—Mixed
VINCA—Mixed
VIOLA—(Blue)
VIOLA—(Yellow)
ZINNIA—California Giants Mixed
ZINNIA—Dahlia Flowered Mixed
ZINNIA—Giant Hybrid Mixed
ZINNIA—Old Mexico
ZINNIA—Pompon Double Mixed
ZINNIA—Tom Thumb Mixed
CABBAGE—Copenhagen type
TOMATO
GREEN PEPPER

JUMBO PICTURE CARDS (5 1/2" x 8")

We also have available Jumbo Picture Cards on heavy coated stock as listed below.

JUMBO PICTURE CARDS—5 1/2" x 8". On heavy coated stock. Available in the following:

Allegro
Caprice
Nocturne
Presto
Lyric
Rhapsody
Glorious Mix

Rocket Snap
Ballerina
Blue Lace
Blue Magic
Calypso
Crusader
Fire Dance

La Paloma
Maestro
Maytime
Prima Donna
Improved
Sabre Dance
Tango

Toreador
Lavender Lace
Aztec
Cherokee
Comanche
Comet
Linda

Mercury
Neptune
Paleface
Polaris
Satellite
Sugar Plum
Venus

PRICE OF THE ABOVE VARIETIES\$6.25 per 100

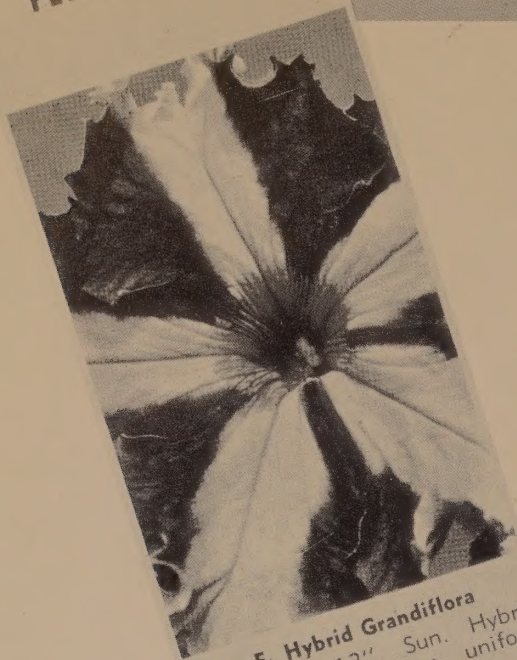
MINIMUM ORDER 50 CARDS

Gloeckner

**FLOWER
SEEDS**

1962

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F₁ Hybrid Grandiflora
Height 10-12". Sun. Hybrid
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PETUNIA—Ballerina (Salmon Pink)	DELPHINI
PETUNIA—Blue Lace (Orchid Blue)	DIANTHU
PETUNIA—Blue Lustre (Deep Blue)	LOBELIA—
PETUNIA—Blue Magic (Deep Violet)	MARIGOI
PETUNIA—Calypso (Red and White)	MARIGOI
PETUNIA—Cherry Tart	MARIGOI
(White and Cherry Red)	MARIGOI
PETUNIA—Comanche (Flame Red)	MARIGOI
PETUNIA—Comet	(Yellow
(Crimson Red & White Star)	MARIGOI
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Mixed	MARIGOI
PETUNIA—Fire Dance (Red)	MARIGOI
PETUNIA—Glitters (Scarlet, Tipped White)	PANSY—
PETUNIA—La Paloma (White)	PANSY—
PETUNIA—Lyric (Light Salmon Pink)	PANSY—
PETUNIA—Maytime (Salmon Pink)	PANSY—
PETUNIA—Neptune (Light Violet Blue)	PHLOX—
PETUNIA—Paleface (White)	PHLOX—
PETUNIA—Pink Satin (Pink)	PHLOX—
PETUNIA—Prima Donna (Rose Pink)	POPPY—
PETUNIA—Red Satin (Bright Red)	PORTULA
PETUNIA—Satellite (White on Pink)	PRIMULA-
PETUNIA—Sonata (White, Deeply Fringed)	SALVIA—
PETUNIA—Single Mixed (Carnival)	SALVIA—
PETUNIA—Single Mixed (Nana compacta)	SNAPDRA
PETUNIA—Sugar Plum (Orchid on Pink)	SNAPDRA
PETUNIA—Tango (Red)	STOCK—
PETUNIA—Venus (Rose Pink)	STOCK—
PETUNIA—White Magic (White)	SWEET W
PETUNIA—White Satin (White)	VERBENA
AGERATUM (Blue)	VINCA—
ALYSSUM—Carpet of Snow (White)	VIOLA—(
ALYSSUM—Rosie O'Day	VIOLA—(
ALYSSUM—Royal Carpet (Violet)	ZINNIA—
ASTER—American Beauty Mixed	ZINNIA—
ASTER—Crego W. R. Mixed	ZINNIA—
ASTER—Giants of California Mixed	ZINNIA—
CALENDULA—Mixed	ZINNIA—
CALENDULA—(Orange)	ZINNIA—
CALENDULA—(Yellow)	CABBAGE
CARNATION—Mixed	TOMATO
CINERARIA—Mixed	GREEN PI

JUMBO PICTURE CARDS (5½" x 8")

We also have available Jumbo Picture Cards on heavy coated stock as listed below.

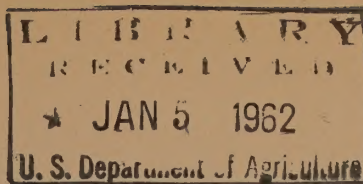
JUMBO PICTURE CARDS—5½" x 8". On heavy coated stock. Available in the following:

Allegro	Rocket Snap	La Paloma	Toreador
Caprice	Ballerina	Maestro	Lavender Lace
Nocturne	Blue Lace	Maytime	Aztec
Presto	Blue Magic	Prima Donna	Cherokee
Lyric	Calypso	Improved	Comanche
Rhapsody	Crusader	Sabre Dance	Comet
Glorious Mix	Fire Dance	Tango	Linda

PRICE OF THE ABOVE VARIETIES\$6.25 per 100

MINIMUM C

Fred C. Gloeckner & Co., Inc.
15 East 26th St.
New York 10, N.Y.



Gloeckner
FLOWER SEEDS

NEW FLOWER SEED VARIETIES FOR 1962

ALL-AMERICA SELECTIONS

BASIL Dark Opal

Produces dark purple foliage with racemes of light blue flowers about 6" above the foliage.

Tr. Pkt.	1/4 oz.	Oz.
\$1.00	\$3.25	\$9.50

DIANTHUS Bravo

One of the most outstanding items offered for the garden in some time.

The brilliant scarlet flowers measure up to 2" across on compact upright plants that attain a height of about 8".

Tr. Pkt.	1/4 oz.	1/2 oz.	Oz.
\$.90	\$1.65	\$5.00	\$15.00

ZINNIA Old Mexico

A Haageana type flower whose base color is deep mahogany red, overlaid with varying shades of golden yellow. 12-15" tall.

Tr. Pkt.	1/4 oz.	Oz.
\$.90	\$2.75	\$8.00

ZINNIA CACTUS TYPE Red Man

This giant Cactus flowered Zinnia can be classed as semi-dwarf, growing to a height of about 18-20". The erect bushy plants produce immense brilliant scarlet flowers.

Tr. Pkt.	1/4 oz.	1/2 oz.	Oz.
\$.75	\$1.25	\$2.25	\$7.00

BEGONIA F1 HYBRID COMET STRAIN

This F1 Hybrid strain is dwarf growing and comes in a full range of colors with contrast dark foliage. They retain their dwarf mound-like habit throughout the entire growing season.

PINK COMET—Light salmon pink, bronzy green foliage.

RED COMET—Fiery scarlet blooms, purplish red foliage.

ROSE COMET—Deep rose flowers, reddish bronze foliage.

WHITE COMET—Pure white flowers, bronzy green foliage.

GALAXY MIXED—Full color range with bronzy foliage.

ORIG. PKTS. ONLY \$2.00 ea.
5 PKTS. FOR \$9.00

CELOSIA DWARF CRISTATA Jewel Box

This is a reselected Florist strain of Dwarf Coclescomb. The selection was made of plants that were compact and at the same time produced large combs above the foliage. This has been achieved and a strain produced that is outstanding. The color range is wide consisting of orange—salmon—bronze—deep red—cream—pink and rose carmine. Jewel box is ideal for bedding or as a border plant.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.75	\$2.25	\$4.00

MARIGOLD Superjack

Can best be described as a Dwarf Sunset Giants. Has a full range of colors and is earlier and about 6" shorter than Sunset Giants.

Tr. Pkt.	1/4 oz.	Oz.
\$.75	\$1.75	\$5.00

PETUNIA F1 HYBRID EXTRA EARLY DWF. GT. OF CALIF.

Can Can

This is the first of the F1 Dwarf Calif. Giants. The plants produce huge blooms of rose—red-red and white and orchid.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.	1/2 oz.
\$4.00	\$7.50	\$14.00	\$26.50	\$50.00

PETUNIA F1 HYBRIDA MULTI. Dawn Satin

This is the latest addition to the Satin series. The light pink blooms are produced on dwarf compact plants.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$2.50	\$4.50	\$8.00	\$15.50

PETUNIA F1 HYBRIDA MULTI. Plum Dandy

Produces striking Fuchsia Purple flowers in great profusion on upright growing plants. Attains a height of about 15".

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$2.25	\$4.00	\$7.50	\$14.00

PETUNIA F1 HYBRIDA MULTI. Pink Dream

Large rose pink flowers. Plant growth is dwarf and ball shaped.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$1.75	\$3.50	\$6.50	\$12.00

PETUNIA F1 HYBRIDA GRANDI. Rosey Day

Rich rose colored plain edged flowers. Plants are vigorous growing and dwarf.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$1.75	\$3.50	\$6.50	\$12.00

PETUNIA F1 HYBRIDA GRANDI. Spring Song

Large salmon pink, slightly fringed flowers. Dwarf uniform growth and early flowering.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$1.75	\$3.50	\$6.50	\$12.00

PETUNIA F1 HYBRIDA MULTI. Star Master

One of the most distinct color combination in Petunias. The flower has a deep violet background on which is superimposed a pure white star.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.
\$1.75	\$3.50	\$6.50	\$12.00

SALVIA Pink Rouge

Flowers are a deep pink produced on Dwarf growing plants. Early Flowering.

Tr. Pkt.	1/4 oz.	Oz.
\$1.00	\$6.00	\$18.00

SALVIA Red Spire

This is an outstanding Salvia. It is about the same height as Harbinger and made a beautiful display at the Penn State Trials. The deep scarlet flowers carried well over the deep green foliage make a striking display.

Tr. Pkt.	1/4 oz.	Oz.	1/4 lb.
\$1.00	\$2.75	\$9.00	\$30.00

SNAPDRAGON FLOWERING PROGRAM FOR THE NORTH

FOR WINTER AND EARLY SPRING

VARIETY		January 1-15/16-31	February 1-15/16-28	March 1-15/16-31	April 1-15/16-30	December 1-15/16-31
WHITE	Albion	x	x	x	x	x
	Citation	x	x	x	x	x
	Ohio	x	x	x	x	x
	Pan American White ...	x	x	x	x	x
	White Knight	x	x	x	x	x
PINK	Christina	x	x	x	x	x
	Mary Ellen	x	x	x	x	x
	Nashua	x	x	x	x	x
	New York	x	x	x	x	x
	Rebecca	x	x	x	x	x
	Rosebud	x	x	x	x	x
	Top Flight	x	x	x	x	x
	Whirlaway	x	x	x	x	x
	Wintergreen	x	x	x	x	x
	Wisconsin	x	x	x	x	x
YELLOW	Patricia	x	x	x	x	x
	Swaps	x	x	x	x	x
	Vermont	x	x	x	x	x
	War Admiral	x	x	x	x	x
BRONZE	Barbara	x	x	x	x	x
	Cavalcade	x	x	x	x	x
PURPLE	Maine	x	x	x	x	x

Timetable for Winter and Early Spring

(Sowing Temperature 65° Minimum)

(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
August 4	August 25	December 1-15
August 8	August 29	December 16-31
August 10	August 31	January 1-15
August 17	September 7	January 16-31
August 24	September 14	February 1-15
September 2	September 28	February 16-28
September 14	October 12	March 1-15
October 5	November 2	March 16-31
October 26	November 23	April 1-15
November 9	December 7	April 16-30

FOR LATE SPRING AND FALL

VARIETY		Apr. 16-30	May 1-15/16-31	June 1-15/16-30	Sept. 15-30	October 1-15/16-31	Nov. 1-15
WHITE	Delaware	x	x	x	x	x	x
	Potomac White	x	x	x	x	x	x
	Utah	x	x	x	x	x	x
	Virginia	x	x	x	x	x	x
PINK	Kentucky	x	x	x	x	x	x
YELLOW	Colorado	x	x	x	x	x	x
	Potomac Yellow	x	x	x	x	x	x
	Nevada	x	x	x	x	x	x
BRONZE	Jubilee	x	x	x	x	x	x
	Kansas	x	x	x	x	x	x
RED	Tennessee	x	x	x	x	x	x

Timetable for Late Spring and Fall

(Sowing Temperature 65° Minimum)

(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
October 26	November 23	April 16-30
November 30	December 28	May 1-15
December 28	January 25	May 16-31
February 1	February 28	June 1-15
March 2	March 28	June 16-30
June 27	July 18	September 16-30
July 4	July 25	October 1-15
July 11	August 1	October 16-31
July 18	August 8	November 1-15

SNAPDRAGON FLOWERING PROGRAM FOR THE NORTH

FOR LATE WINTER AND SPRING

VARIETY		Feb. 15-28	March 1-15/16-31	April 1-15/16-30	May 1-15	Oct. 16-31	November 1-15/16-30
WHITE	Twenty Grand	x	x	x	x	x	x
	Apollo	x	x	x	x	x	x
	Snowman	x	x	x	x	x	x
	Margaret	x	x	x	x	x	x
	Pan American Winter White..	x	x	x	x	x	x
	Spartan Winter White.....	x	x	x	x	x	x
PINK	Hercules	x	x	x	x	x	x
	Indiana	x	x	x	x	x	x
	Jackpot	x	x	x	x	x	x
	Libby	x	x	x	x	x	x
	Maryland Pink Imp.	x	x	x	x	x	x
	Native Dancer	x	x	x	x	x	x
YELLOW	New Times	x	x	x	x	x	x
	Brokers Tip	x	x	x	x	x	x
	Gold Mine	x	x	x	x	x	x
	Gold Rush	x	x	x	x	x	x
	Golden Spike	x	x	x	x	x	x
	Navajo	x	x	x	x	x	x
LAVENDER	Lavender Lady	x	x	x	x	x	x
	Windmillers Lilac	x	x	x	x	x	x

Timetable for Late Winter and Spring

(Sowing Temperature 65° Minimum)

(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
July 18	August 8	October 16-31
July 25	August 15	November 1-15
August 1	August 22	November 16-30
August 24	September 24	February 16-28
September 2	September 28	March 1-15
September 21	October 19	March 16-31
October 12	November 9	April 1-15
November 2	November 30	April 16-30
December 14	January 11	May 1-15

FOR SUMMER

VARIETY		June 15-30	July 1-15/16-31	August 1-15/16-31	September 1-15/16-30
WHITE	No. 2 Crystal White.....	x	x	x	x
	June Bride	x	x	x	x
	Potomac White	x	x	x	x
	Rockwood Crystal White.....	x	x	x	x
	Spartan Summer White.....	x	x	x	x
	Texas	x	x	x	x
	White Skies	x	x	x	x
PINK	Florida	x	x	x	x
	Gaytime	x	x	x	x
	P. A. Summer Pink.....	x	x	x	x
	Potomac Pink	x	x	x	x
	Summer Jewel	x	x	x	x
YELLOW	Dark Star	x	x	x	x
	P. A. Summer Yellow.....	x	x	x	x
	Potomac Yellow	x	x	x	x
LAVENDER	Arizona	x	x	x	x
RED	Potomac Red	x	x	x	x

Timetable for Summer Flowering

(Sowing Temperature 65° Minimum)

(48°-50° Winter Minimum Temperature)

SOW	BENCH	FLOWER
February 17	March 14	June 16-30
April 4	April 25	July 1-15
April 25	May 16	July 16-31
May 9	May 30	August 1-15
May 23	June 13	August 16-31
June 13	July 4	September 1-15
June 20	July 11	September 16-30

Southern growers can revise these schedules as follows:

For Mid-Winter flowering (December thru March) use varieties suggested for flowering in the North from (mid-February thru April 1) and (mid-October to December 1st).

For flowering late spring through early fall (April thru mid-October) use varieties suggested for flowering in the North (mid-May to September 1st).

SNAPDRAGON—Greenhouse Strains

YODER HYBRID IMPROVED SELECTIONS

ARIZONA (Summer Hybrid)

Lavender hybrid. Color resembles the spring variety Lavender Lady. Vigor is high. Spikes are long and gracefully tapered.

COLORADO (Late Spring and Fall Hybrid)

Large flowered yellow hybrid. Very uniform and vigorous. Color of Broker's Tip.

DELAWARE (Spring and Fall Hybrid)

Ivory white hybrid. Retains and improves the valuable traits of Citation. Floret is large, stems heavy with very long spikes.

FLORIDA (Summer Hybrid)

Vigorous light pink. Displays superb color retention under high temperature and is highly shatterproof. Spikes are long with compact florets.

INDIANA (Late Winter and Spring Hybrid)

Light rose pink. Equally valuable for early fall. Large floret. Spikes are long and tapered.

KANSAS (Late Spring and Fall Hybrid)

Brilliant golden bronze hybrid. A vigorous variety with strong stem and long spikes.

KENTUCKY (Late Spring and Fall Hybrid)

Glorious apple blossom pink. A vigorous, clean stemmed hybrid with a minimum of shatter.

MAINE (Winter and Early Spring Hybrid)

Rich purple hybrid. The florets are very large and beautifully spaced on strong spikes.

NEVADA (Late Winter — Late Fall Hybrid)

Intense yellow hybrid. Develops a huge floret on vigorous long spikes.

NEW YORK (Late Winter — Late Fall Hybrid)

Smooth light pink. Displays tremendous vigor and earliness. Spike is large and compact. Very clear pink with minimum of yellow in lower lip. Highly shatterproof.

OHIO (Winter Hybrid)

Pure paper white hybrid. Florets are compactly spaced and shatterproof.

TENNESSEE (Spring — Summer Hybrid)

A real deep red hybrid. Quite shatterproof with good floret spacing on long uniform spikes.

TEXAS (Summer Hybrid)

Largest and best white. For June through September. Stem and spike length of exceptional size and quality.

UTAH (Spring — Fall Hybrid)

Ideal pure white variety producing a large flower spike on an overall shorter plant.

VERMONT (Winter Hybrid)

Primrose yellow hybrid. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

VIRGINIA (Spring — Fall Hybrid)

A vigorous paper white hybrid. Long spikes, hard, clean stem with good large florets that are shatterproof.

WISCONSIN (Winter Hybrid)

Intense, dark pink. Spikes are long and tapering. Stems are medium and hard.



SNAPDRAGON HYBRID

Price of the Above Per Pkt. \$4.00

The above also available in 1/2 Tr. Pkts. at \$2.25 each.

ANTIRRHINUM (Snapdragon)—Greenhouse Strains

SNAPDRAGON CULTURE

SOIL PREPARATION—A loose, porous soil containing about one-fourth peat moss by volume has been satisfactory in many ranges. Add four or five pounds of superphosphate per 100 square feet of bench area before planting. Thoroughly steam sterilize at least once a year, preferably after cutting off the summer flowering crop. Make sure the soil is uniformly moist and that a temperature of 180 deg. F. is maintained for at least one-half hour. Over-steaming will not harm the soil.

SEED GERMINATION—Snapdragon seeds should germinate in about seven days from the time they are sown. Maintain a constant temperature of 65 to 70 deg. F. and keep the medium uniformly moist especially the top one-half in the flat.

Use neutral peat which has been shredded and screened, or any other loose, porous mixture for your propagating medium. For surest results, the mixture should be steam sterilized in the flats before sowing the seeds. When the seeds have germinated, give them increasingly more sun and ventilation.

DIRECT BENCHING—Consistently good results have been obtained by direct benching from seedling flats. You can do this safely about three weeks from the sowing date. Direct benching saves time and labor and invariably results in more vigorous plants, since there is no hardening or check in growth as sometimes happens when seedlings have been banded or potted.

FERTILIZATION—Maintain a level of about 20 ppm nitrogen and potash (Spurway) during the early stages of growth. Gradually taper off nitrogen feedings when spikes appear. Liquid feedings of 15-30-15, 20-20-20, etc., one every two weeks, are adequate at the rate of one ounce in five gallons of water (one-half pound per 100 gallons).

Summer-flowering crops should be fed heavier than the above schedule to keep pace with the faster rate of growth.

SNAPS IN WINTER AT 60°

Some interest has been shown by year round mum growers to produce a crop of late Winter Snaps which they could grow at 60° nights in the same house with mums.

Tests carried out by Yoder Bros. show the best results were obtained from the Spring-Fall group, and that the best of these, for this crop, are apparently Virginia (White), Kentucky (Light Pink), Colorado (Yellow), and Tennessee (Red).

The Potomac varieties, especially Yellow, were satisfactory, but flowered several weeks later.

This report is preliminary since this procedure has not yet been fully explored to recommend that growers go all out on this idea.

Listed below is a suggested time table in the event you would like to try this on an experimental basis:—

SOW	BENCH	FLOWER
Sept. 7	Sept. 28	Jan. 18-Feb. 8
Sept. 14	Oct. 12	Feb. 8-Feb. 22
Sept. 28	Oct. 26	Mar. 7-Mar. 28

PINK AND ROSE

	Tr. Pkt.
Anne Marie—Bright medium pink	\$4.00
•Christina—Light salmon pink	4.00
•Florida—Light pink (Summer)	4.00
•Gay Time—Rose pink (Summer)	4.00
•Hercules—Light pink for spring	4.00
•Indiana—Light rose pink	4.00
•Jackpot—Medium deep rose	4.00
•Kentucky—Appleblossom pink	4.00
•Libby—Dark rose pink	4.00
•Mary Ellen—Early light rose pink	2.00
•Maryland Flamingo—Salmon rose	4.00
•Maryland Pink Improved—Early light pink	4.00
•Nashua—Light rose	4.00
•Native Dancer—Light rose	4.00
•New Times—Bright rose	4.00
•New York—Clear light pink	4.00
•P. A. Summer Pink (New)—Light rose pink	4.00
•Potomac Pink—Medium pink (Summer)	4.00
•Rebecca—Light pink hybrid	4.00
•Rockwood's Summer Pink No. 1	3.00
•Rosebud—Pastel pink	4.00
•Summer Jewel—Deep pink (Summer)	4.00
•Top Flight—Light rose pink	4.00
•Whirlaway—Light pink	4.00
•Wintergreen—Light rose	4.00
•Wisconsin—Intense, dark pink	4.00

WHITE

	Tr. Pkt.
•Albion—Paper white	\$4.00
•Apollo—Ivory white similar to Margaret	4.00
•Citation—Ivory white	4.00
•No. 2 Crystal White—Paper white (Summer)	4.00
•Delaware—Ivory white	4.00
•Margaret—Ivory white	2.00
•Maryland White—Improved true paper white	4.00
•Ohio—Pure paper white	4.00
•P. A. Winter White (New)—Strong pure white. Best Feb. to Apr.	4.00
•Potomac White—(Summer)	4.00
•Rockwood's Crystal White—(Summer)—Reselected	4.00
•Rockwood Hybrid White No. 5	4.00
•Snowman—Excellent pure white for winter and spring	4.00
•Spartan Winter White—Late winter pure white	4.00
•Spartan Summer White (New)—Pure white, early	4.00

WHITE (Cont'd)

	Tr. Pkt.
Texas (New)—Largest paper white. For Summer	\$4.00
•Twenty Grand—Medium early ivory white	4.00
Utah (New)—Strong compact paper white	4.00
•Virginia—Paper white	4.00
•White Knight—Improved paper white	4.00
•White Skies—Pure white (Summer)	4.00

YELLOW

	Tr. Pkt.
•Broker's Tip—Deep yellow	\$4.00
•Colorado—Yellow	4.00
•Dark Star—Clear yellow (Summer)	4.00
•Gold Mine—Deep golden yellow	4.00
•Golden Spike—Rich deep golden yellow	4.00
•Nevada—Intense yellow	4.00
•P. A. Summer Yellow—Tall vigorous bright yellow	4.00
•Potomac Yellow—(Summer)	4.00
•Patricia—Yellow	4.00
•Rockwood's Summer Yellow—Fairly-deep yellow	3.00
•Swaps—Yellow	4.00
•Vermont—Pastel primrose yellow	4.00
•War Admiral—Yellow	4.00

LAVENDER

	Tr. Pkt.
•Arizona—Lavender (Summer)	\$4.00
•Lavender Lady—Deep rosy-lavender	4.00
•Maine—Rich purple	4.00

BRONZE AND ORANGE

	Tr. Pkt.
•Barbara—Dark bronze	\$4.00
•Cavalcade—Lively golden bronze	4.00
•Kansas—Golden bronze	4.00
•Martha—Golden bronze	4.00
•Maryland Orange	4.00

RED

	Tr. Pkt.
•Maryland Red	\$4.00
•Navajo—Good all-purpose red	4.00
•Potomac Red—Large dark red	4.00
•Rockwood's Summer Red	3.00
•Tennessee—Deep red	4.00

• Denotes hybrid varieties.

Yoder Bros. Varieties Now Available in ½ Tr. Pkts. Price...\$2.25 Each

ANTIRRHINUM

For Outdoors

ROCKET F1 HYBRID

This strain is without a doubt the finest that has been developed for outdoors to date. Rockets make an ideal outdoor cut flower that will produce a Couple of Crops if well established plants are set out in early summer. It is suggested that the plants be pinched before selling to your customer. While this will reduce the stem length it will increase the number of flowers due to the reduced height.

Available in the following colors:

Bronze	Red	
Golden	Rose	
Orchid	White	
Mixed		
Tr. Pkt.	¼ oz.	½ oz.
\$3.00	\$5.70	\$10.80
¾ oz.	1 oz.	1 ¼ oz.
\$20.00	\$39.00	\$74.00



F-2 PANORAMA STRAIN

Plants are husky and eye appealing—Ideal for bedding and flat plant sales. Spikes 8-12 inches are borne on sturdy 2½ to 3 foot stems. Especially bred to take hot summer conditions. Only available in mixed colors.

Mixed—A bright colored mixture produced from F1 hybrid parents.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$3.00	\$9.00

MAJUS-MAXIMUM GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Alaska—(Snowflake)—White
Brilliant Rose—Rose pink
Cherry Rose—A new bright color
Copper Queen—Bronzy copper blending to antique gold
Orange Shades—Deep to light orange
Padre—Deep crimson
Rosalie—Rich deep rose; underlying tone of topaz or amber
Yellow Giant—Deep yellow

PRICES OF THE ABOVE VARIETIES			
Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$.40	\$.70	\$1.25	\$3.75

TOM THUMB (6" Tall)

Magic Carpet Mixed—The dwarf and compact habit of this strain makes it excellent for bedding and borders.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.50	\$4.50

GIANT RUFFLED TETRAPLOID

(Approx. 104,000 seeds per oz.)

One of the most satisfactory outdoor snaps. Almost never crippled with rust. Blooming size plants are tall with thick stems which keep the spikes erect and the tips straight. Flowers large, mostly ruffled.

Candlelight—Bright yellow
Crimson—Deep velvety crimson
Rose—Bright rose
Pink Shades—Pink to deep rose
Sunset—Bronze, pink, primrose
White—Pure white

PRICES OF THE ABOVE VARIETIES			
Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$.60	\$1.50	\$2.75	\$8.25

Superfine Mixture—(Tetra Snaps), erect and husky growth, medium tall with huge ruffled florets in many colors and bicolors, some veined.

Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$.50	\$1.25	\$2.25	\$6.75

DWARF GRANDIFLORUM

(Approx. 200,000 seeds per oz.)

Avalanche—Pure white
Flambeau—Scarlet
Golden Monarch—Golden yellow
Orange Glow Improved—Orange
Red Emperor—Rich deep scarlet
Royal Rose—Deep rose
Saint George—Orange cerise
Startler—Glowing cerise

PRICES OF THE ABOVE VARIETIES			
Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$.50	\$.85	\$1.50	\$5.50

AGATHEA (Blue Daisy)

(Approx. 27,000 seeds per oz.)

Coelestis—The lovely, free flowering blue Marguerite

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$.90	\$2.70

AGERATUM

(Approx. 230,000 seeds per oz.)

One of the most desirable flowers for edging and borders. They are easy to grow and flower from early summer until frost in partially shaded as well as sunny locations.

Blue Ball Improved—Dwarf and compact. Uniform rich blue color	Tr. Pkt.	¼ oz.	Oz.
Blue Cap—Rich blue, very compact	\$.40	\$1.30	\$4.25
Blue Mink—(Tetra)—Giant blooms on husky plants	.40	1.20	3.60
Blue Perfection—Dark blue	.60	3.00	9.00
Fairy Pink—Soft salmon pink, 12 inches	.25	.50	1.65
Little Blue Star—6 inches high, fine for bedding	.60	1.85	6.50
Midget Blue—Very dwarf with delicate fine foliage; blue flowers	.25	1.00	3.50
	.50	1.80	6.00

ALYSSUM (Approx. 75,000 seeds per oz.)



ALYSSUM BOUQUET

All of the Alyssum are fragrant and are valuable for bedding and edging. Cut them back when they get ragged in mid summer and in several weeks they will again be covered with blooms.

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Bouquet—(Carpet of Snow)—				
Best dwarf variety	\$.20	\$.35	\$1.00	\$3.25
Little Gem—Dwarf and compact.....	.20	.35	1.00	3.25
Pink Heather—A.A.S.—Light pink which				
depeens in cool weather, 6 inches tall	.75	2.00	6.00	
Royal Carpet—(Procumbens)—				
Rich purple	.40	1.30	3.90	13.00
Violet King—Deep violet flowers.				
Very compact growth	.45	1.50	4.50	15.00
Violet Queen—Dwarf compact, rich				
deep shades of violet	.25	.60	1.80	6.00

ROSIE O'DAY—

'61 award winner, freely produced blossoms of deep rose pink completely blanket the plant which reaches a height of 3 to 4 inches and a spread of about 10 inches.

Tr. Pkt.	¼ oz.	Oz.
\$.85	\$2.50	\$7.50

AMARANTHUS

(Approx. 47,000 seeds per oz.)

These do best in a dry sunny location. Require only a minimum of water.

	Tr. Pkt.	Oz.
Molten Fire—Leaves are iridescent crimson.....	\$.25	\$2.25
Tri-Color Splendens—(St. Joseph's Coat)		
Yellow, red and green foliage—3 ft.....	.25	1.80

ASPARAGUS

New Crop Seed in Mid-February

Used extensively as a green filler for cut flower work.

	1000 Seeds	5000 Seeds
Plumosus Nanus	\$2.50	\$10.00
Sprengeri	2.50	10.00

ASTERS

PINK LADY (Approx. 12,000 seeds per oz.)

Rich glowing salmon pink. This distinct color is different from any color on the market at the present time. Produces a fully double high quality flower with wide incurred petals. Pink Lady showed up well at recent trials and is a welcome addition to the list of cut flower varieties.

FLORIST STRAIN (Wilt Resistant)

Bred especially for off-season crops under glass. Stems are long and strong, and the long-lasting flowers often measure 4 inches across. Seed is produced each year from special selected line-bred planting stock.

Azure Ball—Fully double light	Rose Ball—Fully double
blue.	flowers, rich rose.
Pink Ball—Fully double shell	Dark Purple Ball—Deep purple.
pink flowers. Bloom	White Ball—Pure white flowers.
normally mid-August.	Blooms late August.

Phlox Ball—Double medium
large flower of a soft peach
blossom pink color.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$1.75	\$3.20	\$9.60

QUEEN OF THE MARKET

These well-known early flowering Asters are of branching habit, about 20" tall, blooming mid-July.

Azure Blue	Light Blue or Lavender	White
Crimson	Flesh Pink	Finest Mixed
Dark Blue or Purple	Rose	

AMERICAN BRANCHING

Plants 2 to 2½ feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

Azure Blue or	Purple	Shell Pink—
Lavender	Rose	(Mary Semple)
Heart of France	Sensation	White—Extra select,
Scarlet crimson	Deep crimson	long stems
Peerless Pink		Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY ROYAL BRANCHING

Plants branching 2 to 2½ feet, blooming mid-August, directly following the Queen of the Market.

Azure Blue or	Ball Purple	Finest Mixed
Dark Lavender	Shell Pink	
Ball Deep Rose	White	

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY BEAUTY

(Improved American Beauty)

Blooms August and continues until frost. The large and double flowers are produced on long heavy stems; plants 2 to 3 feet high.

Azure Fairy—	Purple Robe	White
Dark Lavender	September Beauty	Finest Mixed
Deep Rose	—Shell pink	
Peach Blossom		

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$.90	\$3.00	\$10.00

KING TYPE (Non Resistant)

The quilled petals make these flowers attractive and gives the flowers hardness—normally blooms late August.

Lavender	Salmon	Violet	Mixed
Rose	Shell Pink	White	
Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.00	\$3.00	\$10.00

ASTERS Continued Next Page

ASTERS — Continued

CONTINUOUS FLOWERING OF ASTERS

Sow Seeds	Pot Seedlings	Bench Plants	Flowering Date Approximate
Dec. 10	Jan. 10	March 1	May
Feb. 1	Feb. 20	April 1	June
March 15	April 10	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September
June 10	July 1	Aug. 15	October
June 20	July 15	Aug. 20	November
July 10	Aug. 1	Sept. 1	December
July 15	Aug. 10	Sept. 15	January
August 15	Sept. 10	Nov. 1	February
Sept. 10	Oct. 1	Dec. 1	March
Oct. 20	Nov. 15	Jan. 1	April

Plants must be given additional light between September 1 and May 1 regardless if they are in seed flats or in the bench. If the plants are not lighted while in small pots, they develop a rosette of leaves and growth of the stem and flowers are delayed. Plants should be lighted until the first flowers show color.

Low wattage bulbs will suffice for additional light. On a four-foot bench, 60-watt lamps spaced 5 feet apart and about 24 inches above the plants will give ample light for this crop. Spacing is usually 8 x 8 inches in the bench and a 60° night temperature is essential.

ADDITIONAL LIGHTING SCHEDULE

3 hours during the months of September, October, March and April.
4 hours during the months of November and February.
5 hours during the months of December and January.

GIANT PRINCESS

Crested or cushion centered blooms. Excellent cut flower. Blooms from mid-August on.

Belle Blanche—White
Cissa—Bright crimson
Edeltraud—Cream
Eva—Dark blue

Gabriele—Peach blossom
Scarlet Pimpernell—
Coppery scarlet
Sonja—Salmon pink with gold
Formula Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.45	\$1.30	\$3.90

IMPROVED CREGO

Plants robust, branching about 2½ feet tall, flowers large, double and well formed, one of the finest varieties for all purposes. Blooming mid-August.

Azure Blue
Blue Flame—Rich blue
Crimson
Deep Rose
Peach Blossom
Shell Pink
Purple or Dark Blue
White
Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$.65	\$2.00	\$7.00

EARLY GIANT

California giant size blooms on 1½ foot tall plants. Flowers by the first week in September.

Azure Blue
Crimson
Light Blue
Peach Blossom
Rose Marie—Rich rose
White
Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.25	\$3.75	\$12.50

COLOR CARPET (W.R.) (New)

Extremely free flower. Plants are Dwarf and globe shaped. The fully double flowers are very attractive. Color Carpet is quite attractive as a border plant also can be used for pots. Is earlier flowering than the Dwarf Queen.

BLUE CARPET Mid Blue
PINK CARPET Deep Rose Pink
RED CARPET Carmine Red
WHITE CARPET Pure White
MIXED Formula Blend

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.50	\$4.50

DWARF QUEEN

Early-flowering, 10-inch tall plants. Dwarf base-branching plants with large flowers produced in abundance. For pot plants must be grown under additional light in the spring, the same as any Royal type used as a cut flower. Can be grown either one plant or three per five or six inch pot. Sufficient feeding and spacing is essential.

Carmine
Crimson—Crimson red
Deep Blue—Violet blue
Deep Scarlet—Bright deep scarlet
Light Blue—Lilac blue
Rose—Rose pink
White—Pure white
Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.50	\$4.50

SINGLE CHINENSIS (Wilt Resistant)

Plants ½ to 2 feet tall, flowers daisylike, petals wide and closely placed, blooms in late August. This is an outstanding strain with a wide color range.

Upright Single Rainbow Mixed

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.30	\$.45	\$1.50	\$5.00

BOUQUET TYPE (Wilt Resistant)

A good upright class of branching Aster developed for cut flowers. The plants grow about 2 feet tall and produce large fully double flowers at the top. These should be cut as a bunch. Mid-August is the normal flowering date.

Tr. Pkt.	¼ oz.	Oz.	Tr. Pkt.	¼ oz.	Oz.
Azure \$.50	\$1.50	\$4.50	Rose \$.50	\$1.50	\$4.50
Crimson50	1.50	4.50	Scarlet50	1.50	4.50
Pink50	1.50	4.50	White50	1.50	4.50
Purple50	1.50	4.50	Powderpuffs—		
			Mixed50	1.50	4.50

BASIL

DARK OPAL

ALL-AMERICA SELECTIONS

Dark Purple foliage with racems of liter blue flowers held well above to foliage.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$3.25	\$9.50

BALSAM

(Approx. 3,300 seeds per oz.)

Double Bush Flowering—Scarlet—Rose, white and mixed.

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$.75	\$2.25

Double Camellia Flowered Mixed

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$.50	\$1.50

DWARF TOM THUMB MIXED

This new Balsam grows about 10" tall and is more dwarf and compact than the regular Bush Balsam. Producing its large double flowers above the foliage, this strain is a well balanced mixture in a wide range of colors.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$1.80	\$5.50

BELLS OF IRELAND

(Molucella Laevis)

(Approx. 7,000 seeds per oz.)

The branching stems are covered with pale green sheaths.

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.00	\$3.00

BROWALLIA

(Approx. 65,000 seeds per oz.)

Speciosa Major—Violet-blue flowers 1½ inches across, are carried on 10 to 12-inch stems.

Tr. Pkt.	⅙ oz.	⅛ oz.	¼ oz.
\$1.20	\$3.60	\$6.60	\$12.00

BEGONIA (Fibrous Rooted)

(Approx. 30,000 seeds per 1/32 oz.)

Production of Begonias from seed is simple. January sowing produces plants for spring bedding work. The fine seed is lightly pressed into a sterilized fibrous medium. The seed is kept moist, not covered, and germinates best at 60 to 70 degrees. An economical method has been to shift the seedlings to flats spaced 2 x 2 inches and grow them on until they become crowded. Then transfer to 3- or 4-inch pots.

Try monthly sowings from August to March for a constant supply to meet your customer's demand.



BEGONIA RED COMET

BEGONIA F1 HYBRID Comet Strain (New)

A new F1 hybrid class of Begonias all having bronze foliage. This strain has been especially bred to withstand adverse weather conditions. The growth is compact and mound like.

Pink Comet—Salmon Pink Red Comet—Fiery Scarlet
Rose Comet—Deep Rose White Comet—Pure White
Galaxy Mixed—Formula Blend of All Comets
Orig. Pkts. only \$2.00 ea.—5 pkts. \$9.00

F1 HYBRIDS—Heterosis Varieties

SOLD IN PACKETS ONLY

As pot plants in 3, 4, or 5-inch pots they may be recommended to your customers for they do well in high temperatures and low light intensities of modern homes. F1 hybrids, vigorous in pots, are also excellent bedding subjects in part shade or in full sun. F1 seed produces a uniform crop.

	Pkt.		Pkt.
Chrisy—Luminous red, dwarf uniform vigorous plant	\$2.00	Rosy Red—Green foliage	\$1.50
Lucifer—Scarlet flowers, dark red foliage	1.50	Sleeping Beauty—Bright carmine, free flowering, dark green foliage	2.00
Matador—Scarlet blooms with contrasting bright green foliage	2.00	Stuttgart—Carmine rose, dark red foliage	1.50
Pink Pearl—Rich pink	1.50	Pink Tausendschoen—Lustrous rose pink	2.00
Pink Profusion—Rose flowers, green foliage	1.50	Red Tausendschoen—Dark deep red counterpart of Tausendschoen	2.00
Red Pearl—Scarlet red	1.50	White Tausendschoen—Pure white, dwarf compact plant	2.00
Red Perfection—Dwarf growth, fiery crimson flowers	1.50		
Rose Perfection—Large rose pink flowers. Dwarf growth	1.50		

Where Price is

\$1.50 per Pkt. 5 Pkts. for \$6.75

\$2.00 per Pkt. 5 Pkts. for \$9.00

ORGANDY MIXED

This mixture of F1 hybrids has a complete range of colors, Red—Pink—White. The plants are quite uniform and being an F1 hybrid makes this a good subject for outdoor bedding in full sun as well as partial shade.

Pkt. \$1.50 5 Pkts. \$6.75

DWARF CLASS

	Tr. Pkt.	¼ oz.	½ oz.
Adeline—Rose pink, green foliage	\$1.50	\$3.25	\$6.00
Dwarf Carmen—Light pink with dark bronze foliage. Very compact	1.50	3.50	6.50
Flamingo—Bi-color white with pink edge	1.50	3.25	6.00
Helena—Carmine scarlet, foliage green, growth pyramidal	1.50	4.50	8.00
Luminosa Compacta—Scarlet red, foliage green	1.50	3.25	6.00

INTERMEDIATE CLASS

	Tr. Pkt.	¼ oz.	½ oz.
Indian Maid—Red flowers, deep bronze shiny foliage	\$1.25	\$2.75	\$5.00
King of the Reds—Red flowers, green foliage	1.25	2.75	5.00
Luminosa—Deep scarlet, red-brown foliage	1.25	2.75	5.00
Prima Donna—Flowers carmine, foliage tinged red	1.25	2.25	3.75
Saga—Bright scarlet	1.50		
Scandinavian Pink—Rose pink, dark green foliage	1.25	3.00	5.50
Scandinavian Red—Red, dark green foliage	1.25	3.00	5.50
Scandinavian White	1.25	3.00	5.50
White Pearl—White flowers, green foliage	1.25	2.75	5.00

TALL CLASS

	Tr. Pkt.	¼ oz.	½ oz.
Christmas Cheer—Crimson scarlet flowers, foliage green	\$1.00	\$2.20	\$3.75
Paris Market Red—Compact plants with green foliage. Flowers early. Large brilliant red flowers. About 10-12 inches tall	1.25	2.75	5.00
Paris Market Pink—Same as above but with large rose pink flowers	1.25	2.75	5.00
Paris Market White—Same habit as the red but with large pure white flowers	1.25	2.75	5.00
Paris Market Mixed—Formula blend of above three	1.25	2.75	5.00

TUBEROUS ROOTED BEGONIAS

Tuberous rooted begonias from seed are an inexpensive crop to produce. Sow in mid-January and shift about May 1 for early June sales. They are the answer for customers looking for a brilliantly flowered plant for the shade.

Mixed—Camellia flowered double type, plants 1½ ft. tall Tr. Pkt. \$3.00

Tasso—Tuberous rooted multiflora Begonia from seed. Flowers are a medium size and color a rich deep blood red. Outstanding as bedding plant Tr. Pkt. \$3.00

CALENDULA

(Approx. 4,500 seeds per oz.)

This long stemmed class will flower freely during the spring from a January sowing. For mid-winter sow Aug.-Sept.

Ball's Gold—Golden yellow Lemon Queen—Lemon yellow, dk. brown eye
Ball Long Orange Masterpiece—Orange, dark center
Ball Orange

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.50	\$1.00	\$3.00	\$9.00

CALCEOLARIA (Approx. 20,000 seeds per 1/32 oz.)

CULTURE

The soil used in germinating the seeds should be made up of two parts leaf mold, two parts well-rooted manure, two parts soil, and one part sand. Sterilize the soil and flat with steam to eradicate all disease.

Seed is fine and does not need a soil covering. A night temperature of 60° is recommended for germination. Shift to 2½-inch bands, then to 4 or 5-inch pots for finishing. A 48° house is best after the shift. Spray weekly with parathion for aphid control, and shade from direct sun after February. Overwatering causes yellowing.

GLOECKNERS STRAIN MIXED (New)

Compact plants with medium sized flowers produced on large heads. This mixture has a full color range including red—yellow—bronze—rose—strawberry and mottled.

Seed for 1000 plants\$10.00

IMPROVED GERMAN STRAIN

Multiflora Nana Mixed—Dwarf growth with large compact heads of medium sized flowers. This fine strain contains a good range of colors\$1.25 \$5.00 \$9.00

GILBERT'S STRAIN

This is an improvement over the original Multiora Nana type. Compact habit of growth; good selection of colors in the mixture; excellent foliage.

Multiflora Nana Red\$2.50 Triumph Strain (Grandiflora)—
Multiflora Nana Yellow 2.50 Large flowered strain, the
Multiflora Nana Mixed 2.50 best in its class.....\$2.50

CANDYTUFT (Approx. 12,000 seeds per oz.)

DWARF COMPACT

"Fairy Mixed"—Plants 8-10" tall. Uniform in height and spread\$.40 \$1.00 \$3.00

GIANT HYACINTH FLOWERED

White—Improved florist strain...\$.25 \$.90 \$3.00 \$10.00

UMBELLATA TYPE

Crimson—Purplish red Rose Cardinal—Deep red White
Flesh—Flesh pink Rose—Soft rose Mixed
Lavender or Lilac

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. Oz. ¼ lb.
\$.30 \$.90 \$3.00

CARNATION (Enfant de nice)

(Approx. 14,000 seeds per oz.)

One of the best annual Carnations. Plants are strong, robust growers bearing flowers 2½ to 3 inches in diameter on good stiff stems. Do not expect over 75% to come true to color or better than 90% double flowers.

White Rose Spectrum Red
Salmon Red Yellow Mixed (Formula Blend)

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. ½ oz. ¼ oz. Oz.
\$.50 \$1.75 \$3.00 \$9.00

CELOSIA

For spring plant sales, sow 6 weeks before planting out time. A 60° night temperature is best.

CRISTATA (Cockscomb Type)

(Approx. 29,000 seeds per oz.)

Tall varieties are grown for cut and are easily dried for winter bouquets. Dwarf kinds are recommended for summer pot plants and bedding.

Dwarf Empress—Scarlet flower. Bronze
foliage\$.30 \$.80 \$2.50
Dwarf Golden Yellow (Aurea)..... .30 .80 2.50
Toreador—Red flower. Green foliage..... .75 2.00 6.00

Continued

CELOSIA CRISTATA—Continued

	Tr. Pkt.	¼ oz.	Oz.
Yellow Toreador—Yellow companion to Toreador	.50	2.50	7.50
Gilberts Maple Gold—Combs vary in color from light to dark pink	Orig. Pkts. \$.50		
Dwarf Cristata Mixed—Dwarf compact strain. About 8" tall	.50	\$2.50	\$7.50

JEWEL BOX (New)

This is a reselected Florist strain of the Dwarf Cockscomb. The selection was made of plants that were Compact and at the same time produced large Combs above the foliage. This has been achieved and a strain produced that is outstanding. The color range is wide consisting of orange—salmon—bronze—deep red—cream—pink and rose carmine. Jewel Box is ideal for bedding or as a border plant.

	Tr. Pkt.	¼ oz.	Oz.
Jewel Box	.75	\$2.25	\$4.00

PLUMOSA (Plumed or Feathery Type)

(Approx. 43,000 seeds per oz.)

Dwarf varieties are good for bedding and as spring and summer pot plants. Taller strains are good late summer cut flowers.

DWARF VARIETIES

	Tr. Pkt.	¼ oz.	Oz.
Fiery Feather—Dwarf, red plumes freely produced in attractive pyramid.....	.40	\$1.30	\$4.25
Golden Feather—Dwarf same as Fiery Feather, but with golden yellow plumes.....	.40	1.30	4.25
Orange Feather—Dwarf brilliant orange flower deepens to red as flower ages.....	.75	2.00	6.00
Lilliput Choice Mixed—Dwarf uniform growth	.40	1.30	4.25

TALL VARIETIES

FOREST FIRE IMPROVED

	Tr. Pkt.	¼ oz.	Oz.
Earlier flowered and a little dwarfier than regular Forest Fire with large orange red plumes	.50	\$1.50	\$4.50

	Tr. Pkt.	¼ oz.	Oz.
Golden Plume—4 ft. golden yellow.....	.40	\$1.20	\$3.60
Scarlet Plume—4 ft. scarlet.....	.40	1.20	3.60
Thompsonni Magnifica Mixed (Pride of Castle Gould)—Blend of red-yellow, copper and gold	.35	.60	2.00



CELOSIA
DWARF
CRISTATA
MIXED

CENTAUREA (Approx. 6,000 seeds per oz.)

CYANUS (Bachelor Button)

Listed below are the finest improved Florist strains of Centaurea Cyanus. The flowers are large, fully double and the colors intensified. The long stems of this strain make them excellent for cut flower purposes. May be used for greenhouse flowering in spring, or sown outdoors in fall for flowers in June and July.

Blue Boy—Excellent for forcing. This bright blue variety has been the most popular cornflower over the years.

Pinkie—Deep pink

Red Boy—Deep red

Snowman—Clear white

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	Oz.	¼ lb.	Lb.
\$.20	\$.65	\$2.20	\$6.50

AMERICANA

Lilac—Thistle-like blooms of rosy-lavender color.

	Tr. Pkt.	Oz.
Splendid for cutting	\$.20	\$.75

DUSTY MILLERS (Approx. 7,500 seeds per oz.)

White-Leaved Types for Border Work

Candidissima—(Lamb's Ear) Silvery grey foliage. This is a slow growing variety that must be started early.

Tr. Pkt.	¼ oz.	Oz.
\$.60	\$1.25	\$3.75

Gymnocarpa—(Fern Leaf) Fine Silvery Fern Like foliage.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.60	\$1.80

CHRYSANTHEMUMS (Annual)

(Approx. 10,000 seeds per oz.)

Another group which is finding favor with florists for cut flower material. Chrysanthemums last remarkably well as a cut flower, but for best results keep them in water 24 hours before marketing. Sow in mid-August to follow early Chrysanthemums. Responds very well to additional light.

	Tr. Pkt.	Oz.
Merry Mixture —Gay Tri-colors	\$.40	\$2.25

CHERRY (Christmas)

(Approx. 12,000 seeds per oz.)

Seed should be sown in late June or early February. Plunge pots outdoor during the summer and bring inside during early Fall (September).

Masterpiece—Round orange fruits freely produced on uniform bushy plant.

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$1.50	\$4.50

CLARKIA (Elegans Double)

For spring flowering sow in early January and grow in shallow soil in flats or benches. Keep plants on the dry side as vigorous growth is not wanted.

	Tr. Pkt.	Oz.
Mixed	\$.25	\$2.25



CINERARIA *Siter's Hybrids*

Trade Mark ®

They are a distinct improvement over the original Siter's Strain, and because they are Hybrids from original crosses, cannot be offered by anyone but the originator.

This is an entirely new group of Cineraria Hybrids, blended for a perfect combination of colors, ranging from bright-eyed types through the finer pastel shades.

These new types carry large flower heads with medium-large individual flowers.

Seed for 500 plants	\$ 5.00
Seed for 1000 plants	10.00

Positively do not use soil that was previously used for Mums and especially so if your Mums were affected with Verticillium wilt or Seidewitz disease. Cinerarias are attacked by this wilt which is a soil-borne fungus. It will cause the lower leaves to wilt and die and then gradually kill the entire plant. The only prevention for this trouble is to use new field soil from seed flat to finished pot. Steam sterilize soil. Sow in January for spring combination work. Sow from June on for Christmas and late winter pot plants.

MULTIFLORA GRANDIFLORA NANA MIXED

Improved German Strain

(Approx. 6,000 seeds per 1/32 oz.)

This is an outstanding German Strain. The plants are husky and compact producing large heads in a wide range of solid colors as well as the bright eyed types. Tr. Pkt. \$2.50

CLEOME

Makes a colorful bedding plant for backgrounds and remains constantly in bloom throughout the entire season.

PINK QUEEN

Large flower heads of bright rosy pink later changing to white. Height 4 feet.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.55	\$1.90

HELEN CAMPBELL

Same as above but color is pure glistening white.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$.90	\$2.70

PANO DRENCH

An effective control for damping off use as a soil drench in all soils, sands on flats, pots and benches. One to two teaspoonsfull diluted in 3 gals. of water produces effective control.



CHERRY CHRISTMAS



COLEUS
WINDSOR HYBRIDS

COLEUS — Rainbow Type

(Approx. 3,500 seeds per 1/32 oz.)

Coleus are now more popular than ever for border planting and in combinations. They do best in a light soil, and outdoors some shade intensifies the colors. Indoors the colors show up best in a sunny window.

WINDSOR HYBRIDS MIXED

This strain of seed produced from Greenhouse Grown plants we consider one of the best on the market today. The mixture is a formula blend containing brilliant reds, yellow, yellow with green edge, pastel shades of copper, pink, salmon, amber, as well as the deeper scarlet and velvet red colors. Coleus has been increasing in popularity each year as a plant for combination and window boxes. For outdoor gardens coleus is the ideal plant for shaded and semi-shaded areas.

Tr. Pkt.	1/4 oz.	1/32 oz.	1/6 oz.
\$1.75	\$2.75	\$5.25	\$9.50

SEPARATE COLORS

Alpenglow—Shades of bronze and orange, without usual green edging. Retains both color and compactness throughout season.

Amber Rainbow—Pale amber, edged green.

Antic Beauty—Orange and bronze shades, bordered with light green mottling.

Candidum—Soft ivory white with contrasting dark green edge.

Color Pride—Basic color is bright red with border mottled bronzy-red and green.

Pink Rainbow—Attractive coral-salmon with narrow light green border.

Red Rainbow—Shades of carmine through mahogany red with green edging.

Salmon Rainbow—Delectate salmon pink which darkness to light bronze as growing season progresses.

Scarlet Rainbow—Beautiful bright scarlet with narrow light green edge.

Velvet Rainbow—Color is brilliant blood-red with darker overtones. Outstanding when combined with white or gold.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	1/32 oz.	1/6 oz.
\$2.25	\$3.25	\$5.75	\$10.50

RUSTIC SPLENDOR (New)

A new dwarf bushy type of Coleus of a rich autumn color with wide amber colored edges. This variety holds its color well throughout the season. The growth is dwarf compact and well branched making a nice ball shaped plant.

ART SHADES (New)

The leaves which are smaller than usual have a rose center surrounded by amber yellow and light green. The plant is profusely branched which gives it a nice ball shape.

Tr. Pkt.	1/4 oz.	1/32 oz.	1/6 oz.
\$2.50	\$4.00	\$7.00	\$12.00

LARGE LEAF EXHIBITION STRAIN

Fantasy—Larger than Rainbow type, Fantasy is a mixture of multicolored leaf patterns being striped and spotted with red, yellow, green and bronze.

Gold Dust—Creamy light green, flecked with fine gold blotches.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	1/32 oz.	1/6 oz.
\$2.25	\$3.25	\$5.75	\$10.50

CYCLAMEN Gloekner Strain

This strain is produced by one of the foremost Cyclamen specialists in Europe and is considered outstanding.

1. Bright Red
2. Light Pink
3. Rose of Marienthal—Pink with dark eye
5. White with Dark Eye
6. Pure White
7. Glory of Wandsbeck or Perle of Zehendorf—Dark salmon
8. Rose of Zehendorf—Light salmon
9. Vermilion
11. Rococo—Salmon shades fringed rim
12. Bonfire (America)
15. Salmon Pink with White Rim
16. Harlequin—Pink with dark stripes
20. Exquisite—Salmon scarlet flower with lighter colored underside of petals silvery foliage
21. Apple Blossom
22. Peach—Purest peach blossom color
23. Cattleya—Pale lavender lilac blue
24. Sunset—Dark salmon
28. Pink with Salmon Eye
29. Saffron with Silver Rim

DAURENHEIM STRAIN

Bright Red	Light Pink	Pure White
Dark Red	Pink	Salmon
	White with Eye	
	Price of the above	
	\$2.50 per 100	\$20.00 per 1000

NEW EUROPEAN STRAIN

This strain has been selected for its outstanding form, color and flower production, and is among the consistent top winners at the various shows.

	100 Seeds	1000 Seeds
Giant Scarlet	\$3.50	\$28.00
Giant Salmon	3.50	28.00
Giant Catleya	3.50	28.00
Giant White	2.50	20.00
Giant Barock-various colors. From Pure White, White with Eye, Pale Pink, Peachblossom, Rose to deep Salmon. Flowers are large with wavy edges that are serrated and frilled. Plants are dwarf and sturdy with medium size foliage.	\$7.00	\$62.50

CORN (Ornamental)

Rainbow (Indian Squaw or Calico)—Various colored kernels. Ideal for fall decoration.

Oz.	1/4 lb.	Lb.
\$.20	\$.50	\$1.50

Strawberry—Straw colored husks fold back to reveal the bright mahogany colored 2 inch ears.

Oz.	1/4 lb.	Lb.
\$4.00	\$1.40	\$4.00

COSMOS

(Approx. 5,500 seeds per oz.)

This is one of the best strains of Cosmos produced for cut flower. Their earliness make them especially suitable for this purpose.

	Tr. Pkt.	Oz.
SENSATION		
Pinkie—Delightful rose pink...	\$.30	\$1.50
Purity—Glistening white	.30	1.50
Crimson—Deep red selection of Sensation	.30	1.50
Radiance—Deep rose with band of rich crimson	.30	1.50
Sensation Early Mixed—Flowers earlier than other varieties	.30	1.50

CUPHEA (Approx. 7,000 seeds per oz.)

Firefly—As a spring pot or bedding item, easily produced from seed. Reach a height of twelve inches covered with scarlet flowers.

Tr. Pkt.	1/6 oz.	1/4 oz.	Oz.
\$.40	\$.75	\$1.35	\$4.00



DAHLIAS

(Approx. 3,000 seeds per oz.)

Unwin's Dwarf Bedding Mixed—Early flowering semidouble, 20 inches, in a wide range of colors.

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.45	\$1.35	\$4.00	\$12.00

Coltness Hybrids—Dwarf single type, very free flowering, height 2 feet, choice mixed colors.

\$.30	\$.80	\$2.50	\$7.50
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Mignon Mixed—Rounded single flowers in a good color range. Ideal for bedding 18 inches.

\$.40	\$.80	\$2.50	\$7.50
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DIANTHUS HEDDEWIGII LACINATUS

(Approx.
23,000 seeds per oz.)

Double Gaiety	Tr. Pkt.	Oz.
Bright colors mixed	\$.35	\$2.50

Single Gaiety		
Large lacy flowers	.35	2.50

Swift Wivels Field		
Multiflora type fragrant	.25	1.25

DELPHINIUM

PACIFIC STRAIN (Vetterle & Reinelt)

Approx. 13,000 seeds per oz.)

July or August sowing and transplanting into the field during the fall will produce an early crop with large spikes. Delphiniums require a well-drained soil, neutral in reaction. A January sowing, transplanted in the greenhouse and set out in early spring provides a good cut during the summer.

Astolat Series—Pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees.

Black Knight—Florets, 2 to 3" in diameter, are dark purple.

Blue Bird Series—Clearest medium blues with white bees.

Bluejay Series—Clear medium to dark blue.

Cameliard Series—Pure lavender self, with white bee.

Galahad Series—Flowers clear white, averaging three inches in diameter.

Guinevere Series—Light pink lavender self with white bee.

King Arthur—Brilliant royal violet with large white bee.

Lancelot Series—Clear lilac self with white bee.

Percival Series—Glistening white flowers with contrasting black bee.

Round Table Series—Some three hundred different crosses were used to make up this group.

Summer Skies Series—Clearest light blue with white bee.

All Colors Mixed—A blend containing all named colors mentioned above.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	⅛ oz.	¼ oz.	Oz.
\$2.00	\$3.00	\$5.50	\$20.00

MISCELLANEOUS STRAINS

(Approx. 10,000 seeds per oz.)

Blackmore—Langdon Strains

Cliveden Beauty (Improved Belladonna)—Selected strain. Turquoise blue.

Bellamosum—Dark blue. Belladonna habit of growth.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.40	\$1.25	\$3.75	\$12.50

CHINENSIS

(Approx.
19,000 seeds per oz.)

Alba—Pure white.

Liberty—Dark blue.

Tr. Pkt.	Oz.
\$.25	\$1.50

Cambridge Blue—Azure.

Tr. Pkt.	Oz.
.30	2.75



DIANTHUS BRAVO—ALL-AMERICA SELECTIONS

Plants grow only 8" tall, are upright and compact in habit, and produce a steady supply of brilliant flowers from late summer to frost. A perfect little trouble-free edging plant. The intense Scarlet Red color plus ideal growth characteristics have made Bravo one of the most talked about all Americans to date.

Tr. Pkt.	⅛ oz.	¼ oz.	1 oz.
\$.90	\$1.65	\$5.00	\$15.00

DIDISCUS (Approx. 10,000 seeds per oz.)

Coerulea—Bue lace flower	\$.30	\$2.50
Lace Veil—White version of the above.....	.35	3.00

DRACAENA

Indivisa (CLEANED SEEDS—10,000 seeds per oz.)

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$1.00	\$3.00

Indivisa (IN THE HULL—1,500 seeds per oz.)

Tr. Pkt.	Oz.	¼ lb.	Lb.
\$.20	\$.55	\$1.65	\$5.50

EUPHORBIA (Approx. 2,500 seeds per oz.)

	Tr. Pkt.	Oz.	¼ lb.
Variegata—(Snow on the Mountain).....	\$.30	\$.90	\$3.00

GERBERA (Transvaal Daisy)

Hybrids Mixed—A selected strain of fully duplexed flowers containing all colors but blue.

100 seeds..	\$.70	1000 seeds..	\$5.50	5000 seeds..	\$25.00
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EXACUM (Approx. 15,000 seeds per 1/64 oz.)

	Tr. Pkt.	1/28 oz.	¼ oz.
Affine—An attractive and easily grown pot plant. The violet-blue flowers are fragrant..	\$1.25	\$3.25	\$6.00

FEVERFEW (Matricaria)

(Approx. 150,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Double White Improved—Select florist strain.	\$1.00	\$6.00	\$18.00

GAILLARDIA PICTA

(Approx. 9,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Tetra Red—Single flowers. Brite coppery red.	\$.30	\$.80	\$2.40
Indian Chief—Single bronzy red.....	.20		1.00
Double Lorenziana—Finest mixed	.20		1.00
Single Mixed	.20		1.00

GAZANIA (Approx. 12,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
New Hybrids Mixed—Shades of orange, yellow and white. Plants 8 in. tall	\$.50	\$1.50	\$4.50

IMPATIENS (Approx. 66,000 seeds per oz.)

Excellent low-growing bedding plants for part or full shade. Seed germinates in 2 to 3 weeks at 65 to 70°. Dwarf varieties also make good 3 or 4-inch pot plants.

DWARF TYPES

Red Knight—Bright fiery red blooms and deep emerald green foliage. Plants are extra dwarf and spreading.

Tr. Pkt.	¼ oz.	1/2 oz.	1/6 oz.
\$2.00	\$3.50	\$6.00	\$10.50

Light Salmon Pink—Pastel pink with deeper eye.

Rose Pink—A bright shade of deep rose, compact growing.

Scarlet Lady—Scarlet with light green foliage—broad and compact.

White Lady—Pure white.

Gloekner Formula Mixed—Special blend of the above varieties.

Tr. Pkt.	¼ oz.	1/2 oz.	1/6 oz.
\$2.50	\$4.25	\$7.50	\$13.00

Fire Gleam—Scarlet orange with dark foliage.

Orange Gleam—Pleasing shade of orange.

Scarlet Gleam—Bright scarlet with rich green foliage.

Dwarf Mixed—Bright mixture of dwarf varieties including orange, scarlet, pink, rose, cherry red, and salmon shades.

Tr. Pkt.	1/2 oz.	1/6 oz.
\$1.00	\$2.50	\$4.50

TALL GROWING TYPE

	Tr. Pkt.	1/6 oz.	1/8 oz.
Sultani Hybrids Mixed	\$.50	\$1.10	\$2.00

GLOXINIA

Sow in December for 5-inch flowering plants in June. Germination is best if seed is not covered and a 70° temperature is maintained. The soil mixture should consist of a third each of peat, compost, and sand. Never allow the pots to dry and shade lightly, carrying the plants in a 65° house.

	Tr. Pkt.
Beacon Fire—Light and dark red mixed.....	\$1.25
Emperor Wilhelm—Purple bordered white	1.25
Fernleaf Type—Velvet red	1.25
Gierths White—Pure white	1.25
Hamburger Blood Red	2.00
Holstein Blut—Blood red	2.00
King of the Giants—Velvety crimson	1.25
Marbotts Pink—This is the pinkest of the pink gloxinias.	
Short growth with upright flower stems	3.00
Panzer Red—Velvety scarlet	3.00
Switzerland—Red with white border	1.25
Symphony in Rose—Deep rose with white border.....	1.25
Mixed—This mixture consists of the most desirable Florist strains	1.25

DOUBLE GLOXINIA

	Tr. Pkt.
Bright red—About 50% are true double.....	\$4.50

GOMPHRENA (Globe Amaranth)

(Approx. 10,000 seeds per oz.)

An attractive everlasting garden flower with some value for cutting. Stands hot, dry conditions.

	Tr. Pkt.	¼ oz.	Oz.
Buddy (Dwarf)—Dwarf strain for bedding, pots and combinations. Bright reddish-purple.	\$.60	\$1.00	\$3.00
Cissy (Dwarf)—Pure white	.60	1.00	3.00
Orange (Tall)	.30	.50	1.50
Pink (Tall)	.30	.50	1.50
Rubra (Tall)—Bright deep shade of magenta purple	.30	.50	1.50

GREVILLEA (Silk Oak)

(Approx. 3,000 seeds per oz.)

March sowing will make a good sized specimen by Fall. June sowing will make 2¼ inch pot plants ideal for use in panning poinsettias.

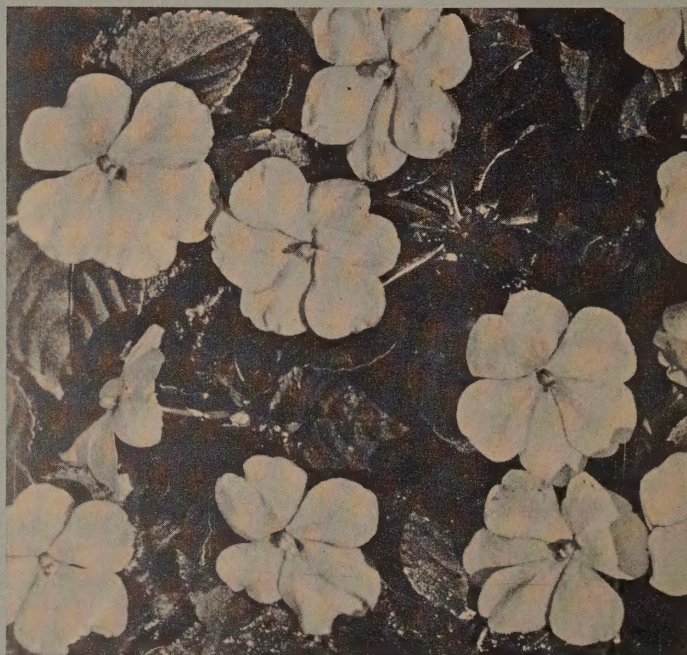
	Tr. Pkt.	¼ oz.	Oz.
Robusta—A splendid foliage plant	\$.40	\$1.35	\$4.50

GYPSOPHILIA (Baby's Breath)

(Approx. 34,000 seeds per oz.)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers.

	Oz.	¼ lb.	Lb.	5 lbs.
Covent Garden Strain Improved.....	\$.30	\$.75	\$2.50	\$10.00



IMPATIENS



LARKSPUR (Approx. 9,000 seeds per oz.)

OUTDOOR CUT FLOWERS—Sown outdoors from August 15 to September 15 larkspur seedlings will be large enough to winter over for an early summer crop. A mulch prevents heaving over winter. Good results may also be had by sowing seed outdoors as soon as the ground can be worked in spring. Spaced an inch apart, 1 oz. of seed will give about 700 feet of row.

INDOOR SPRING FLOWERS—A December or January sowing produces 3-inch band or pot plants to follow late mums. Space 1 foot apart each way in ground beds and 10 x 10 inches in raised beds. Plants grow 4 to 5 feet tall and do best in a 45 to 50° house.

Regal Light Blue —Best azure blue.	Regal Deep Carmine —Deep rich carmine rose.
Dark Blue Supreme —Rich violet purple.	Regal Brilliant Rose —Strong deepest rose.
Lilac Supreme —Clearest lavender.	Salmon Supreme —Excellent medium salmon rose.
Pink Supreme —Clear rose pink.	White Supreme —Best white.

FORMULA MIXED

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.40	\$.60	\$1.00	\$1.80	\$6.00	\$18.00

LINARIA (Approx. 428,000 seeds per oz.)

	Tr. Pkt.	¼ oz.	Oz.
Fairy Bouquet Improved —8" to 10" now has full color range rather than only pastel shades	\$.40	\$1.35	\$4.00

LOBELIA (Approx. 700,000 seeds per oz.)

Blue Stone—Dwarf bright blue.
Emperor William—Gentian-blue.
Crystal Palace Compacta—Dark blue.
Mrs. Clibran Imp.—Dwarf blue, white eye.
Rosamond—Carmine with white eye.
Sapphire—Deep blue, white eye, eye trailing.
White Lady—Dwarf, sparkling white.

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.25	\$3.75

LUPINUS (Annual)

GIANT KING (Approx. 13,000 seeds per oz.)

Base branching habit, with four to six long spikes to the plant. A January sowing will give good 3" pots for spring.

Sky Blue	Heliotrope	Blue	White	Mixed
Tr. Pkt.—\$.25		Oz.—\$1.00		¼ lb.—\$3.00

IPOMEA (Morning Glory)

	(¼ oz.) Tr. Pkt.	Oz.	¼ lb.
Clark's Mammoth Blue —(Heavenly Blue Improved)	\$.25	\$.75	\$2.25
Pearly Gates —Lustrous white with creamy shading in the throat	.30	.90	3.00
Scarlet O'Hara —Deep rosy crimson	.25	1.25	
Noctiflora —(Moonflower)—Large flowered white	.20	.60	2.00

KALANCHOE

(Approx. 60,000 seeds per 1/32 oz.)

For Christmas flowering, shade the plants with black cloth from September 1st to October 10th, from 5 P.M. to 8 A.M. each day and grow in 60 degree house.

Brilliant Star	Tr. Pkt.	1/28 oz.	1/4 oz.	1/32 oz.
Extremely large fiery red flowers. Good for cutting as well as pots	\$1.00	\$2.10	\$3.85	\$7.00
Improved Tom Thumb —Sport of original Tom Thumb with similar habit, but has florets, larger with more substance and a darker red. Orig. Tr. Pkt. contains 1/128 oz.	3.50		6.50	12.00
Vulcan —Flowers somewhat larger and brighter red than old standby Tom Thumb	1.25	3.50	6.50	12.00

KOCHIA

(Approx. 30,000 seeds per oz.)

	Tr. Pkt.	Oz.
Childsi —Oval shaped plants stay green through entire summer season	\$.15	\$.50

MESEMBRYANTHEMUM

(Approx. 100,000 seeds per oz.)

Crinifolium—Dwarf spreading plants covered with daisy like flowers in a wide range of colors.

Tr. Pkt.	¼ oz.	Oz.
\$.50	\$1.20	\$3.60

MIGNONETTE

(Approx. 26,000 seeds per oz.)

Giant New York Market —Select strain.	Tr. Pkt.	¼ oz.
	\$.35	\$1.00

MIMOSA

(Approx. 4,500 seeds per oz.)

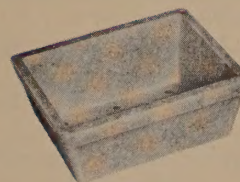
Pudica —(Sensitive Plant)	Tr. Pkt.	¼ oz.	Oz.
	\$.30	\$.50	\$1.50

MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

Blue Bird —(Early Florist Strain)—Deep blue.	Tr. Pkt.	¼ oz.	Oz.
	\$.50	\$1.50	\$4.50

NEW!
BADGER PAKS



PLASTIC PLANT LABELS — See Page 40 and Inside Front Cover

MARIGOLD—Bedding Varieties

(Approx. 9,000 seeds per oz.)

These fine strains are popular for bedding plant sales and for combination boxes and pots. Sow seed outdoors as soon as the weather warms or start indoors a month before the plants are needed for sale in the spring.



MARIGOLD
NAUGHTY MARIETTA

PETITE

This class of extra dwarf French double marigolds is excellent for borders and mass effects. They were All-America winners for 1958 (except Petite Yellow) and are outstanding for bedding purposes.

Petite Orange —Bright orange flowers.	Petite Harmony —Gold crest with mahogany ground.
Petite Gold —Golden shade between yellow and orange.	Petite Yellow —Strong clear yellow.
Petite Spry —Golden yellow with maroon collar.	Petite Mixture —A formula blend.

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.35	\$1.00	\$3.00	\$9.00

MINIATURE EXTRA DWARF

- Butterball**—Dwarf. Soft butter yellow.
- Gold Crest**—Dwarf double golden yellow.
- Lemondrop**—Full double canary-yellow.
- Melody**—Dwarf. Double brilliant orange.
- Spry Hybrids**—Miniature flowers abundantly produced in new and unusual combinations.
- Spry**—Yellow crested center, mahogany red guard petals.
- Sunkist**—Rich deep golden orange.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.65	\$2.00

DWARF FRENCH DOUBLE

	Tr. Pkt.	¼ oz.	Oz.
Color Magic —Mixture of red, gold striped and mottled combinations	.35	\$.75	\$2.25
Eldorado —Canary yellow tinted slightly deeper toward the center	.40	1.00	3.00
Harmony —Deep orange, center petals flanked by wide dark maroon, brown petals	.30	.65	2.00
Harmony Hybrids —Dwarf attractive mixture of harmony type: crested flowers	.30	.65	2.00
Primrose —Double sulphur yellow. Extra fine for borders	.30	.65	2.00
Primrose Gem —Primrose-yellow flowers, fully double, 2-2½ inches across. Plants 9" tall	.40	1.00	3.00
Rusty Red (Fandango) —Large flower fully double	.35	.65	2.00
Scarlet Glow —Mahogany turning to orange scarlet	.35	.65	2.00
Tangerine —Distinct bright tangerine-orange. Early bloomer. Excellent for cutting	.35	.65	2.00

CUPIDS

Large 2½-inch flowers on dwarf plants, odorless foliage, and uniform compact growth make these ideal for border planting. Available in the following colors:

- Cupid Yellow**—Bright lemon yellow—early blooming.
- Cupid Gold**—Light gold
- Cupid Orange**—Rich orange, early blooming.
- Cupid Mixed**—Blend of above three.

Tr. Pkt. . . . \$.75	¼ oz. . . . \$1.75	Oz. . . . \$5.00
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SPUN GOLD

An early dwarf chrysanthemum flowered type with erect bushy growth and many large double golden yellow flowers. The outstanding features of this Marigold are extreme earliness, uniformity of height and habit, profuse blooming.

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$.75	\$2.00	\$6.00	\$18.00

FRENCH SINGLE

	Tr. Pkt.	¼ oz.	Oz.
Brownie —Mahogany-red flowers with golden-yellow centers; 2" across	.35	\$.60	\$1.80
Flash —Flowers ranging from vivid red through bronze with a few yellow, to give harmonious contrast. About 14" tall	.35	.60	1.80
Naughty Marietta —Golden yellow single flowers with maroon blotch. About 16" tall	.35	.60	1.80
Red Head —Large flowers mahogany turning to bronze and gold	.35	.60	1.80
Sunny —Like Naughty Marietta except that it is clear yellow	.35	.60	1.80

DWARF SINGLE

Dainty Marietta—Single extra early very dwarf selection of Naughty Marietta. Flowers are freely produced on compact plants that are about 12" tall. Flowers are quite similar to Naughty Marietta.

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.20	\$3.50

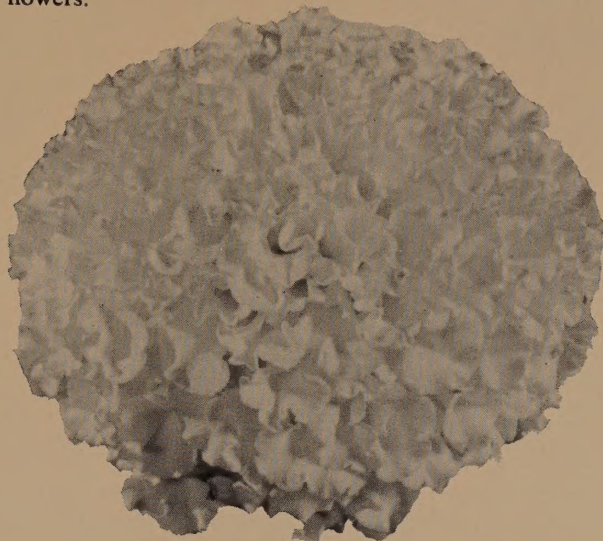
WINTER FLOWERING

	Tr. Pkt.	¼ oz.	Oz.
Colorado Sunshine —This is a marigold selected as a cut flower variety. It is a luminous golden yellow with ruffled and wavy petals. Flowers 3 to 4 inches. Also recommended for outdoor culture. The stems are long and strong	.50	\$1.50	\$4.50

MARIGOLD—Tall Varieties for Cutting

(Approx. 10,000 seeds per oz.)

Sown in January or February, the plants spaced 4 x 5 inches and grown single stem produce a profitable crop for spring cutting. African tall doubles and Carnation and winter-flowering sorts are most popular, but the others are also needed for variety. All may be grown for spring plant sales and early fall cut flowers.



F1 HYBRID MARIGOLDS

Toreador—Full double bright orange flowers.

Yellow Climax—Same as Toreador except for its canary yellow flowers.

Climax Mixture—A blend of colors from deep orange to pale yellow.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/6 oz.	1/4 oz.	1/2 oz.	Oz.
\$.85	\$2.50	\$4.50	\$8.00	\$25.00

AFRICAN TALL DOUBLE

These all double strains produce practically 100% true double flowers.

	Tr. Pkt.	1/4 oz.	Oz.	1/2 lb.
Fluffy Ruffles —Golden yellow . . .	\$.35	\$1.00	\$3.00	
Orange All Double —Rich orange . .	.30	.55	1.75	\$6.00
Lemon All Double —Bright lemon yellow	.30	.55	1.75	6.00

CARNATION FLOWERED

	Tr. Pkt.	1/4 oz.	Oz.	1/2 lb.
Guinea Gold —Reselected strain.				
Golden orange	\$.30	\$.55	\$1.75	\$6.00
Man-In-The-Moon —Fully double pale ivory yellow flowers	.30	.55	1.75	6.00
Yellow Supreme —Light lemon yellow	.30	.55	1.75	6.00

CHRYSANTHEMUM FLOWERED TYPES

Ball-shaped blooms measure 3" across. For Spring greenhouse or outdoors.

	Tr. Pkt.	1/4 oz.	Oz.
Glitters —Lemon yellow	\$.35	\$1.00	\$3.00
Goldsmith —Golden orange	.35	.75	2.25
Happiness —(Medium Dwarf)—About 18" tall. Large flowers of a cheerful golden yellow color. Profuse bloomer	.35	.75	2.25
Yellowstone —Clear golden yellow	.35	.75	2.25

GIGANTEA

A remarkable new sweet scented, robust growing extremely large flowered type, ideal for show purposes, florist use and garden decoration. It has also been tested and found good for greenhouse culture.

	Tr. Pkt.	1/4 oz.	Oz.
Crackerjack —Uniformly large double flowers produced on shorter plants than Sunset Giants. Yellow and orange shades	\$.50	\$1.00	\$3.00

Superjack—(New)—Can be described as a Dwarf Sunset Giants. Has a full range of colors and is earlier and about 6" shorter than Sunset Giants.

	Tr. Pkt.	1/4 oz.	Oz.
	\$.75	\$1.75	\$5.00

MESEMBRYANTHEMUM

(Approx. 100,000 seeds per oz.)

Crinifolium—Dwarf spreading plants covered with daisy like flowers in a wide range of colors.

Tr. Pkt.	1/4 oz.	Oz.
\$.50	\$1.20	\$3.60

MIGNONETTE (Approx. 26,000 seeds per oz.)

Giant New York Market—Select strain.

Tr. Pkt.	1/4 oz.	Oz.
\$.35	\$1.00	

MIMOSA (Approx. 4,500 seeds per oz.)

Pudica—(Sensitive Plant)

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$.50	\$1.50

MYOSOTIS (Winter Flowering)

(Approx. 30,000 seeds per oz.)

Blue Bird—(Early Florist Strain)—Deep blue.

Tr. Pkt.	1/4 oz.	Oz.
\$.50	\$1.50	\$4.50

NASTURTIIUM (Double Gleam)

(Approx. 175 seeds per oz.)

Glorious Gleam Hybrids Finest Mixed—Wide assortment colors.

Oz.	1/4 lb.	Lb.
\$.40	\$1.25	\$4.00

DWARF DOUBLE

Golden Globe—Golden yellow.

Gem Mixture—Dwarf compact, excellent color range.

Oz.	1/4 lb.	Lb.
\$.45	\$1.50	\$4.50

NEMESIA

(Approx. 25,000 seeds per 1/4 oz.)

NANA COMPACTA

Dwarf habit. Branches freely from base. Excellent for pots and combination work.

Superbissima Mixed—Large flowered bright shades.

Tr. Pkt.	1/4 oz.
\$.35	\$1.25

STRUMOSA GRANDIFLORA

August sowing for cut flowers in December. October sowing for spring.

Tr. Pkt.	1/4 oz.
\$.30	\$1.00

NICOTIANA (Ornamental Tobacco)

(Approx. 200,000 seeds per oz.)

Showy plants that give off a pleasant scent in the evening.

Crimson Bedder—Compact, deep crimson.

Tr. Pkt.	Oz.
\$.30	\$2.00

Dwarf White Bedder—Dwarf and compact, white scented flowers all day.

Tr. Pkt.	1/4 oz.	Oz.
\$.35	\$1.00	\$3.00

Sensation Mixed (Daylight Strain)—This Nicotiana is different from the other as it remains open during the day. The plant grows about 2 ft. tall and gives off the same pleasing scent in the evening that the others do. The color range is quite extensive going from white through the various shades of cream and pink to purple and crimson.

Tr. Pkt.	1/4 oz.	Oz.
\$.40	\$1.00	\$3.00

NIEREMBERGIA (Dwarf Cup Flower)

(Approx. 5,500 seeds per 1/32 oz.)

Purple Robe—This is an outstanding bedding and edging plant that attains a height of 6 inches. The large deep blue flowers literally cover the plants throughout the season. Seed must be sown early to have plants in bloom for Decoration Day.

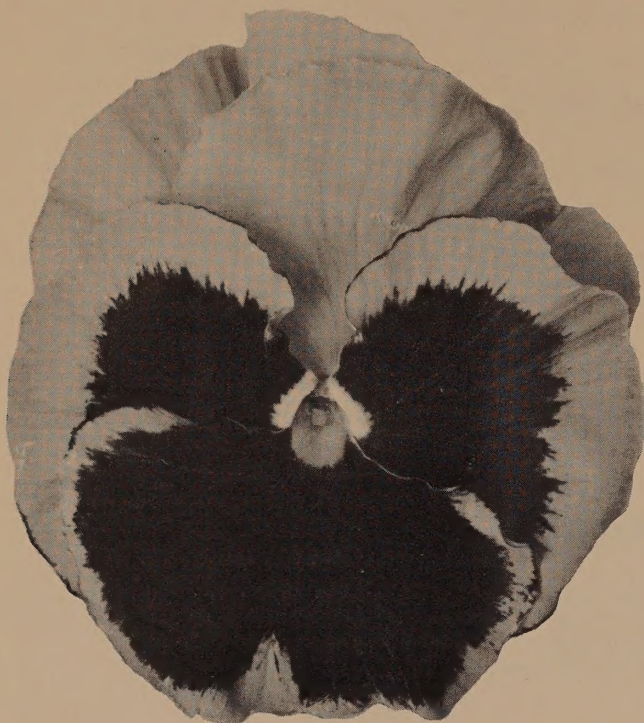
Tr. Pkt.	1/32 oz.	1/6 oz.	1/4 oz.
\$.50	\$1.75	\$3.25	\$10.00

PANSIES

(Approx. 21,000 seeds per oz.)

CULTURE

For spring bedding plant sales pansies are sown either indoors in December or January or outdoors from July until September. December- or January-sown plants are carried in a cool greenhouse, transplanted into frames about March and are ready for May sales. Late summer-sown seed outdoors in shaded frames produces large enough plants to be spaced 4 x 6 inches apart in frames, strong enough to carry over winter under a loose mulch. The plants must be well established before winter sets in.



FOUR OUTSTANDING MIXTURES

SPECIAL STRAIN MIXED

This strain possesses very large blooms on vigorous plants, and is especially good for bedding. The color range is excellent containing combinations of deep rich colors in the red and wine shades. F2 hybrids, the plants have tremendous vigor and giant flowers. Compact plants, they are ideal for basket work.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

MASQUERADE

F2 early and bright-colored variety derived from the Oregon jumbo type. Vari-colored in shades of yellow blue, violet, mauve and rust.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

KING SIZED MIXED

Excellent new early strain, blooms over a long season with the husky robust plants producing giant size flowers. Colors include variations of mahogany and raspberry and gold Bi-colors.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.50	\$3.75	\$7.00	\$22.00

NON PLUS ULTRA

Flowers of superb texture and excellent markings. Made up of fourteen separate colors so blended that it gives a perfect color balance to the mixture. It is without question a perfect strain for the commercial trade.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$1.00	\$1.75	\$3.00	\$12.00

MIXTURES

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Amsterdam Giants —Early free flowering, heat resistant. Large flowered, with a long season of bloom	.85	\$1.50	\$2.50	\$7.50
Arcadia —Brilliant colors and pastel shades form a complete color range in this strain characterized by large flowers on sturdy, dwarf plants	1.00	3.00	5.00	15.00
Canadian Giants —A selection out of Maple Leaf Giants. This large flowered mixture has a good color range and flowers of rich heavy substance	1.00	1.85	3.30	11.00
Clear Crystals —Slightly ruffled flowers in a complete color range. Flowers are medium sized	1.00	1.50	2.50	7.50
Jumbo Mixed —Large flowers of great substance on long stems. Many unique colors	1.40	3.40	6.10	16.50
Maple Leaf Giants —Large flowering strain	.75	1.75	3.00	10.00
Super Swiss Giants "400"	1.00	2.60	4.70	12.80
Oregon Giants Mixed —Fine strain of giant ruffled pansies. Large heavy textured flowers in a good range of colors	1.25	2.25	4.00	12.00
Swiss Giant Improved —A special blend for florists, superlative in form and range of dark, rich colors. Most of the blooms waved	.75	1.50	2.75	9.00

FRENCH GIANTS DREAM SERIES

A new giant pansy from Europe called Dream series. The varieties in this group are early flowering and all are clear solid colors. They showed up quite well in trials this past season and are a welcome addition to the strains we are offering.

BLUE DREAM		Clear Mid Blue
GOLDEN DREAM		Golden Yellow
ORANGE DREAM		Orange
PURPLE DREAM		Reddish Purple
SNOW DREAM		Pure White

Tr. Pkt.	1/8 oz.	Oz.
\$.75	\$3.25	\$11.00

SEPARATE COLORS

	Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
Alpenglow —Velvet mahogany-red with dark blotch	.70	\$2.00	\$3.50	\$11.00
April Snow —Creamy white	.70	2.00	3.50	11.00
Berna —Dark violet blue	.70	2.00	3.50	11.00
Blue —(Ullswater)—Rich clear blue	.70	2.00	3.50	11.00
Bronze Shades —Blend of colors ranging from old gold—rich copper to deep browns. A true jumbo strain	1.65	4.95	8.90	24.00
Coronation Gold —Pure golden yellow, flowers slightly ruffled at edges	.70	2.00	3.50	11.00
Luna —Sulphur yellow self	.70	2.00	3.50	11.00
Moon Moth —Pure white	1.65	4.95	8.90	22.50
Pay Dirt —Yellow	1.75	5.50	9.00	27.00
Pure White —Paper white, small yellow eye	1.00	2.75	5.00	15.00
Rheingold —Yellow with blotch	.70	2.00	3.50	11.00

Tall Winter Flowering—Mixed—Tall growing winter cut flower variety.

Mixture consists of bright blue—mauve—yellow cream in combination. Not recommended for bedding. Tr. Pkt. \$1.00

PEPPERS (Ornamental)

(Approx. 9,000 seeds per oz.)

Birds Eye —Popular birdseye or holly berry type	Long Pointed —Fine selection, long pointed type
Christmas Candle —Bears candle-like fruit	Robert Craig —(Dwarf)—Compact, spreading, heavy fruiting

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	\$1.00	1/8 oz.	\$2.00
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PETUNIAS



PETUNIA "LYRIC"

ALL DOUBLE

PAN AMERICAN STRAINS

This is an exceptionally fine strain of All-Double Petunias bred and grown in the United States. It is considered one of the leading strains bearing large double blooms in the most popular colors.

ALLEGRO—Buds are scarlet salmon, which open to a bright deep salmon. Flowers fully fringed. Plants are dwarf and uniform.

CAPRICE—Fully fringed blooms of a bright rose are borne on uniformly dwarf and vigorous plants.

LYRIC—Light salmon pink, compact habit with very large fully double flowers.

MINUET—Medium sized lavender tall grower. Should be pinched.

NOCTURNE—Medium sized blooms of deep violet purple, produced on dwarf compact plants.

PRESTO—Brilliant rose and white variegated. A double version of Crusader. Large fringed flowers on dwarf compact plants.

RHAPSODY—Flowers are burgundy wine-purple, on vigorous dwarf plants.

SONATA—Large pure white flowers which are deeply fringed. Medium dwarf vigorous plants.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.
\$4.50	\$8.50	\$16.00	\$29.50	\$58.00

GLORIOUS MIXED—A balanced complete mixture of the Pan-American All Double Varieties.

GLOECKNERS ALL DOUBLE MIXED—A formula blended mixture which we consider the "Tops". It consists only of the most outstanding and popular varieties available.

CANADIAN MIXED IMPROVED—A very desirable mixture of doubles having a more balanced color range through the addition of shades which had been lacking in the past.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$4.00	\$7.50	\$14.50	\$28.00

JAPANESE VICTORIOUS AND GIANT VICTORIOUS STRAINS

ATTRACTION—Rich bright rose and white variegated. Medium dwarf habit and slightly deeper in color than Gaiety.

BLUE MONARCH—Dark blue-purple (Improved Blue Brocade). Large fully double flowers.

GAIETY—Extra dwarf base branching plants having medium sized blooms which are striped and mottled bright rose pink and white. The most popular of the Japanese Doubles.

PINK—Habit is dwarf and vigorous, with large flowers of a uniform soft salmon pink.

PURPLE QUEEN—Large rich velvety purple flowers which are fully double and well fringed.

ROSY CARMINE—(World Beauty)—Plants are uniform and dwarf with blooms of rich deep rose.

WHITE SWAN—Well fringed, large white flowers. This variety is improved over all victorious whites yet offered.

MIXED—Formula blend of the best Japanese varieties.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
\$4.00	\$6.50	\$12.00	\$22.00

CHERRY TART—Medium size, carnation type blooms of rich cherry rose and white literally cover the entire plant. Plant habit is excellent, being not only dwarf and compact but also vigorous and very free blooming. Makes an ideal bedding item.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.50	\$69.00



PETUNIA CHERRY TART

PETUNIA

F1 HYBRIDA GRANDIFLORA

The F1 Hybrida Grandiflora Petunias are one of the showiest and most outstanding bedding plants of the day. They make the most impressive and longlasting display with a minimum of care of any annuals available to the home gardener.

The wide selection of colors, ranging from red through rose shades, pinks, white, lavender, blue and bi-colors make them ideal for any color combination the home gardener would want in his annual border.



RED SHADES

BONFIRE—Dazzling deep salmon scarlet with golden throat. The large plain edged flowers are borne on dwarf compact plants.

FIRE GLEAM—Brilliant salmon scarlet fringed flowers. Plants are very vigorous.

NORTHERN SUNRISE—Color is similar to Fire Gleam but with a more pronounced reddish shade.

RED CHIEF—Plain edged large deep red flowers. Slightly lighter than Fire Chief. Free flowering-dwarf habit.

RED ENSIGN—Deep scarlet red color. This plain edge Grandiflora is erect growing but dwarf.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

FIRE DANCE—Fringed salmon scarlet flowers on dwarf compact plants.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

SCARLET LUSTRE—Color is brilliant scarlet with gold throat. The flowers are large and slightly ruffled with some fringing.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

TANGO—One of the most popular varieties. The fringed deep scarlet salmon flowers make a brilliant display against the dark green foliage.

TOREADOR—The large slightly ruffled flowers of a warm velvety crimson color. Growth dwarf and compact.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

ROSE AND PINK SHADES

BALLERINA—Flowers are well fringed with color a soft glowing salmon. Extremely free flowering, dwarf and uniform.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

FAIRYLAND—Fairly large blooms are nicely fringed. Color a light salmon pink produced on very dwarf uniform plants.

FLIRT—Robust grower producing plain edged flowers of a clear light salmon pink. Withstands adverse weather conditions.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

LAVENDER LACE—Bright rosy orchid lavender with rich plum-purple penciling. Plants dwarf and compact with flowers well fringed and ruffled.

MAESTRO—Plants are dwarf, compact spreading with dark green foliage. Fringed, ruffled blooms of a brilliant cerise rose with striking golden yellow throat.

MAYTIME—Very free flowering with huge blossoms of clear light salmon pink with slightly deeper penciling.

PINK MAGIC—Outstanding pink, both in earliness and abundance of bloom. Good for pots and bedding.

PRIMA DONNA—(All American)—Large fringed bright rose pink. Uniformly dwarf compact and spreading.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

ROSE LUSTRE—Blooms of bright rose pink are heavily waved and are finely fringed. Pale creamy yellow contrasting throat.

SALMON LUSTRE—The luminous salmon pink color plus its exceptional blooming qualities will make this like the other lustres a sure hit.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

ROSEY DAY (New)—Rich rose colored plain edged flower one of the outstanding colors in this group.

SPRING SONG (New)—Large salmon pink slightly fringed flowers. Growth is uniform and the plant is early flowering.

SPRINGTIME IMPROVED—Color is somewhat like Fairyland but much brighter. Flowers are large and fringed. Plant habit is dwarf and free flowering.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00



PETUNIA MAYTIME

PETUNIA

F1 HYBRIDA GRANDIFLORA



PETUNIA CALYPSO

BLUE SHADES

BLUEBELL—Light violet non-fringed variety that has a medium dwarf compact growth.

BLUE LACE—A new orchid blue shade that gives a nice effect in the garden. The flowers are orchid blue with violet penciling. The foliage is dark green. Plants are vigorous and sturdy.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

BLUE LUSTRE—The large waved flowers are a deep mid blue turning darker in cool weather. Plants are dwarf and begin flowering early.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$3.00	\$5.50	\$10.00	\$19.00	\$36.00	\$69.00	\$129.00

BLUE MAGIC—Considered the bluest of the Grandifloras. Plants are dwarf and compact. The flowers are a medium deep violet blue, slightly fringed and ruffled.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

BLUE MANTLE—Dwarf large flowering velvety violet blue flowers that are waved. Plant habit is dwarf, uniform and compact.

PSYCHE—Clar steel blue with darker veining—uniform in color and habit.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

MIXED

F1 GRANDIFLORA—This is a carefully blended mixture made up of the best F1 Grandifloras in both the fringed and waved varieties.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

BI-COLOR VARIETIES

CALYPSO—Dense growing compact plants which are a truly eye catching blend of scarlet and white. The medium size blooms are well ruffled and quite heavily fringed.

CRUSADER—A very popular bi-color with contrasting bright rose pink stripes on well fringed white blossoms.

SABRE DANCE—Extra large blooms of deep burgundy crimson variegated with a white star. Compact but vigorous habit plus strong color contrast make this a very popular variety.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

MINSTREL—Medium-large, well ruffled flowers are abundantly produced on uniformly dwarf and compact plants. Color, though somewhat irregular is a pleasing blend of rich deep violet blue and white.

ROSE VEIL—A pleasing and somewhat different blend of colors, not usually found in Petunias. Basic color is a soft blush pink, with fine veining of deep rose. Plants are dwarf and uniform.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

WHITE

LA PALOMA—Medium large well fringed white flowers have finely contrasting yellow throats. Habit is both vigorous and uniform.

WHITE MAGIC—Size of bloom, earliness, and exceptional flower production have made White Magic one of the most popular Petunias available. Plants are dwarf but robust.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

SNOW CAP—This free flowering, early variety has what might be called true Grandiflora size blooms. The large heavily ruffled pure white flowers, plus its dwarf and vigorous habit make this a must on any order.

SNOW LADY—Dwarf, uniform and compact habit in addition to the well fringed large pure white flowers, make this an ideal Petunia for combinations and pots.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00



PETUNIA MINSTREL IMPROVED

PETUNIA

F1 HYBRIDA MULTIFLORA

The F1 Hybrida Multiflora Petunias have flowers that correspond in size and character to the old Nana Compacta types. At this point the comparison ends. The advantage of the F1 is that they have greater vigor and greater flowering capabilities. Furthermore by producing seed from selected parents, the breeder has complete control over plant habit, such as stabilizing uniformity and reducing undesirable habits. This group makes an outstanding display starting to flower early and continuing on until late in the season.



PETUNIA
RED SATIN

RED SHADES

AZTEC—This improved strain is earlier and more compact growing. Blooms of brilliant scarlet red with gold throat. Resembling a smaller version of Fire Dance.

COMANCHE IMPROVED—One of the most popular varieties. Considered the reddest red Comanche has been continuously improved upon. The plants are dwarf and compact, holding their form throughout the entire season.

FIREBIRD—Flower color is intense orange red with gold throat. Plants are compact, vigorous and very floriferous.

INCA—Rich, bright rose-red with gold throat. Plants are free blooming, dwarf and compact.

RED GLOW—(Alpha Red)—Bright scarlet red. Very free flowering and very compact plants.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$36.00	\$65.00

RED SATIN—This was an All American winner several years ago. The vivid scarlet color is quite outstanding. This is the forerunner of a class that is being bred for its dwarf mound like growth. Its ability to retain this form and not break open in the center makes this a most desirable variety.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00	\$82.00

ROSE AND PINK SHADES

CORAL SATIN—Dwarf and very uniform, globe shaped plants are completely smothered in a blanket of striking coral rose. The color which is deeper than the earlier variety PEACH SATIN, plus the complete uniformity of habit, make this the outstanding variety for this season.

DAWN SATIN—Soft shade of light rose pink. The color is striking and the growth is the typical mound shape which is associated with the satin series.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$2.50	\$4.50	\$8.00	\$15.50	\$30.00	\$57.00	\$108.00

PEACH SATIN—Early blooms of coral pink which gradually change to a soft salmon as blossom ages. Vigorous habit.

PINK SATIN—Very uniform globe shaped plants which are extremely floriferous. Flowers are brilliant rose pink, with small white area deep in the throat of the bloom. Few if any other bedding plant items can compare with PINK SATIN for uniformity and long term production in the garden.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$11.70	\$20.00	\$35.00	\$60.00

BRIDESMAID—Rich rose with large contrasting white throat. Dwarf vigorous habit and ability to stand up well in wet weather, should make this a very well accepted addition.

BO-PEEP—A truly pleasing bright rose pink which is broken only by a small white throat in each of the numerous blossoms, along with good dwarf and uniform habit, make this a very popular and desirable bedding item.

CHEROKEE—The rich deep rose-pink color and earliness of bloom, along with its very uniform habit will no doubt make this a hit.

LINDA—Plants which are compact, vigorous and very free flowering, with blooms of a clear light salmon pink.

PINK DREAM—Rose pink—This is classed as a multiflora but the flowers measuring over 2" across are practically as large as a grandiflora. The growth is dwarf and ball shaped. Early flowering and uniform growth.

VENUS—Vigorous, spreading plants which freely produce a maze of clear bright celestial rose pink blooms above the foliage.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
\$1.75	\$3.50	\$6.50	\$11.70	\$20.00	\$35.00	\$60.00



PETUNIA DAWN SATIN

PETUNIA

F1 HYBRIDA MULTIFLORA



PETUNIA SUGAR PLUM

WHITE

JACK FROST—Compact uniform plants which are literally blanketed with sparkling white blooms.

PALE FACE—Plants vigorous, dwarf, compact and very uniform. Blooms which are pure white are freely produced.

WHITE HARMONY—Medium early flowering with fairly large pure white flowers which are produced in abundance. Plant habit very dwarf yet vigorous. Excellent producer.

WHITE SATIN—This is a welcome addition to the "Satin" series. The flowers are pure white and have a slight crepe effect in the petals. Early flowering. This variety combined with "Red Satin" makes a nice splash of color in the border.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$82.00

GLOECKNERS F1 HYBRID MULTIFLORA MIXTURE—A formula blend using only the varieties which we feel are the outstanding items in each color group.

PRICE OF ALL THE ABOVE EXCEPT WHITE SATIN

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$1.75	\$3.50	\$6.50	\$12.00	\$20.00	\$35.00
						\$60.00

BLUE SHADES

BLUE RIBBON—This is one of the outstanding blue Multifloras. The plant habit is slightly larger than the Satins. It is considered one of the most reliable violet blue Petunias that does well in all areas.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00
						\$82.00

BLUE SHADES—Continued

INDIGO GLOW—Plants compact and very free flowering with blooms of a rich indigo blue.

MERCURY—Flowers slightly star shaped are a clear, medium light blue with light yellowish throat. Very dwarf and compact but with plenty of vigor. Blue color compares to varieties Heavenly Blue or Silver Blue.

NEPTUNE—Weather resistant, vigorous, dwarf compact plants which produce freely blooms of a rich medium violet blue.

PLUM DANDY—(New)—This new multiflora Petunia produces blooms of a beautiful fuchsia-purple. While it grows taller than some varieties (15 inches) its upright sturdy growth keep the plant erect and compact. Would be ideal for the middle distance in the annual border.

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$2.25	\$4.00	\$7.50	\$14.50	\$26.00	\$46.00
						\$82.00

PURPLE GLOW—(Alpha Purple)—Lustrous deep purple flowers are produced in abundance on very compact, semi-spreading plants.

SUGAR PLUM—A new and distinct Petunia that was introduced several years ago and is gaining in popularity by leaps and bounds. The orchid pink flowers are pencilled and shaded a rich orchid purple. Flowers are borne in great profusion on mound like plants. This is truly an outstanding variety. Seeing Sugar Plum in various trials it was less susceptible to rain damage than others.

BICOLORS

COMET—Plants are compact and vigorous, producing blooms of a bright warm crimson red, each with a perfect white star.

SATELLITE—Profuse early flowers plants are dwarf and compact having blooms of bright rose with contrasting perfect white star.

GLITTERS—Bright fire chief red ground color, with contrasting white stripes. Extra dwarf compact and free flowering.

POLARIS—(New)—This distinctive new starred variety promises to be one of the outstanding additions to the garden. The flowers are deep violet blue with white star. It is free flowering and makes a bright outstanding spot in the garden.

SPACE STAR—Striking bright rose red with pure white star. Plants are dwarf and compact with colors both brilliant and appealing.

STAR FLIGHT—Rich purple with white star, color of variety Elks' Star but more uniform both in markings and plant habit.

STAR MASTER—(New)—Deep Violet background with pure white star makes one of the most outstanding of the bi-colors. The flowers are large and plant habit is excellent.

THE CLOWN—Blooms are large and of an attractive salmon red with contrasting white stripes, giving a starred effect.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	$\frac{1}{128}$ oz.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.	$\frac{1}{16}$ oz.	$\frac{1}{8}$ oz.	$\frac{1}{4}$ oz.
	\$1.75	\$3.50	\$6.50	\$11.70	\$20.00	\$35.00
						\$60.00



PETUNIA POLARIS



DWARF GIANTS OF CALIFORNIA

GRANDIFLORA F2

CARNIVAL—A mixture of fringed and ruffled flowers, typical of the Grandiflora type, consisting of wide range of colors, including solids and bi-colors.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$1.50	\$3.85	\$7.00

GRANDIFLORA COMPACTA (Single Fringed-Dwarf)

	Tr. Pkt.	1/2 oz.	1/4 oz.
GAIETY , Rose and White	\$.80	\$1.75	\$3.00
INNOCENCE —(Fringed Snowstorm). Pure white flowers; dwarf	1.00	2.50	3.75
LACE VEIL —Pure white	.85	2.00	3.50
SETTING SUN —Deep rose	.85	2.00	3.50

GRANDIFLORA SINGLE PLAIN EDGED

(Approx. 230,000 seeds per oz.)

DAZZLER—Brilliant scarlet, compact.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.75	\$1.50	\$2.75

DWARF ELKS PRIDE—Dwarf dark velvety purple.

PINK GLORY IMPROVED—Flame rose pink, very compact.

\$.85	\$2.00	\$3.50
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POPCORN—Pure white.

\$1.50	\$2.75	\$5.00
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ROYALTY—Large ruffled flowers in a combination of purple and white.

SNOWSTORM IMPROVED—Glistening white, shaded yellow in throat.

\$.85	\$2.00	\$3.50
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GRANDIFLORA SINGLE FRINGED

DAINTY LADY—Very pale yellow.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$1.00	\$2.25	\$3.75

THEODOSIA IMPROVED—Large fringed rose, gold throat.

\$.90	\$1.80	\$3.30
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WHITE BEAUTY.

\$.75	\$1.50	\$2.75
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FLUFFY RUFFLES MIXED.

\$.60	\$1.50	\$2.75
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DWARF GIANTS OF CALIFORNIA

(Approx. 160,000 seeds per oz.)

CAN CAN—This is the first of the F1 Dwarf Calif. Giants. The plants produce huge blooms of rose—red-red and white and orchid.

Tr. Pkt.	1/28 oz.	1/4 oz.	1/2 oz.	1/6 oz.
\$4.00	\$7.50	\$14.00	\$26.50	\$50.00

RAMONA STRAIN—(Select)—A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well-marked throats.

DWARF CONTINENTAL GIANTS—A selected dwarf strain in an exceptionally fine mixture.

MULTIBLOOM MIXED—Typical giant type blooms but produced on plants which are more dwarf and compact than usual.

Tr. Pkt.	1/4 oz.	1/2 oz.	1/6 oz.
\$1.75	\$2.75	\$5.00	\$9.50

CALIFORNIA RUFFLED GIANTS (Large Throated)

(Approx. 180,000 seeds per oz.)

	Tr. Pkt.	1/4 oz.	1/2 oz.
RUFFLED MONSTER MIXED	\$.75	\$1.50	\$2.50

NANA COMPACTA FRINGED

LITTLE GIANT MIXED—(Ruffled)—Extra large, well ruffled flowers with open throats. Dwarf Giants of California Type in form and size.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.75	\$1.50	\$2.75

LITTLE GIANTS, PINK SHADES—Same as above but pink only

Tr. Pkt.	1/4 oz.	1/2 oz.
\$1.00	\$1.75	\$3.00

HYBRIDA NANA ERECTA (Dwarf Hybrida Class)

(Approx. 280,000 seeds per oz.)

ADMIRAL—Dwarf blue. Flowers ruffled at edge.

Tr. Pkt.	1/4 oz.	1/2 oz.
\$.85	\$1.75	\$3.00

BLUE BEDDER, Mid blue

1/4 oz.	Oz.
\$1.35	\$3.25

CELESTIAL ROSE IMPROVED—Deep rose, very compact

.60	2.25	6.50
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FIRE CHIEF, True Scarlet.

1/6 oz.	1/8 oz.
1.65	3.00

Tr. Pkt.	1/4 oz.	Oz.
.50	5.00	15.00

ROSE OF HEAVEN IMPROVED—Very dwarf..

.50	1.50	5.25
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ROSEY MORN IMPROVED—Very dwarf....

.50	1.50	5.25
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SKY CHIEF—Compact plant. Pale blue. A little lighter than heavenly blue

.50	1.75	6.00
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SNOWBALL—Pure white, compact

.50	1.75	5.50
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TWINKLES—Brilliant rose starred white

.60	3.00	9.00
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VELVET BALL—Dark red. Almost identical to King Henry but a better variety for bedding.

1/16 oz. \$2.75	1/8 oz. \$5.25	.75	10.00
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VIOLACEA—Deep velvety purple

.50	1.40	4.50
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CHOICE MIXED

.50	1.75	6.00
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BALCONY—Vigorous, spreading or semi-trailing habit.

Blue—Crimson—Rose—Star of Calif.—Royal Rose—White—Mixed.

Tr. Pkt.	1/8 oz.	1/4 oz.	Oz.
\$.40	\$1.25	\$2.25	\$6.75



PHLOX DRUMMONDI

(Approx. 17,500 seeds per oz.)

Annual phlox is one of the most showy bedding plants for the border and is gaining in popularity each year. The dwarf compact plants covered with bright colored flowers are quite colorful.

Gloeckner SPECIAL STRAIN MIXED

This is an exceptionally dwarf strain of phlox especially adapted to pot culture for spring sales. The mixture of colors are well balanced and bright with fine individual flower heads.

This strain has been well tried in many localities as we have had it for a number of years in very limited quantities.

Tr. Pkt.	1/4 oz.	1/2 oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

NANA COMPACTA

	Tr. Pkt.	1/4 oz.	Oz.
Apricot	.40	\$1.00	\$3.25
Fireball—Fiery red	.40	1.00	3.25
Isabellina—Yellow	.40	1.00	3.25
Snow Ball—Pure white	.40	1.00	3.25
Mixed	.40	1.00	3.25

DWARF STAR PHLOX

	Tr. Pkt.	1/4 oz.	Oz.
Twinkle—(Mixed)—All-American Compact plants, good color range. Blooms very early in flats and continues well into the summer	.75	\$2.35	\$7.00

GIGANTEA

	Tr. Pkt.	1/4 oz.	Oz.
Art Shades Mixed—A strain of Phlox Drummondii with flowers measuring 1 1/4 to 1 1/2 inches in diameter. The habit is erect and uniform, growing from 9 to 12 inches tall	.45	1.00	3.50

PORTULACA

(Approx. 307,000 seeds per oz.)

Jewel—(Single)—Deep carmine.

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$.75	\$2.75

All Double Mixed—Large flowering mixed. Extra fine quality.

Tr. Pkt.	1/4 oz.	Oz.
\$.50	\$1.25	\$4.00

Single Mixed—Large flowering mixed.

Tr. Pkt.	1/4 oz.	Oz.
\$.25	\$.70	\$2.35

RICINUS

(Approx. 30 seeds per oz.)

Red Spire—Bronze foliage with crimson stems and red fruit.

Oz.	1/4 lb.	Lb.
\$.45	\$1.40	\$4.50

Zanzibariensis Mixed—Very richly colored foliage. Enormous plant, on good soil growing 10' high.

Oz.	1/4 lb.	Lb.
\$.20	\$.60	\$2.00

PRIMULA MALACOIDES

Glory of Riverside Imp.—True rose pink.

White Giant—Pure white.

Lavender—Shades of lavender.

Mrs. Eriksson of Riverside—A glowing rose-red.

Red—Glowing red.

Mixed.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/64 oz.
.....\$1.25	\$2.75

Pink Joy—Clear non-fading light pink

Flamingo—Clear pink flowers, strong, compact plants

OBCONICA (Approx. 4,000 seeds per 1/32 oz.)

A valuable pot plant item which sells on sight. These brightly colored primulas are sown from January on for Christmas and early winter sales.

Fasbender Red	Mueller Rose	White—(Snowstorm)	Mixed
Mohnstein Red	Salmon Princess	Blue	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/64 oz.
.....\$1.25	\$2.75

SALPIGLOSIS

Bolero—An F2 mixture which produces a very large flower and has a wide range of interesting colors. This vigorous growing strain makes an ideal cut flower for the home garden. Grows about 2' tall.

Tr. Pkt.	1/4 oz.	Oz.
\$.40	\$1.20	\$3.60

SCABIOSA

(Old Maid's Pincushion)

(Approx. 4,000 seeds per oz.)

LARGE FLOWERED TALL DOUBLE

Ageratum Blue—Mid blue.

King of the Blacks—Reddish black.

Lovelines—Salmon rose shades.

Rosette

Shasta—Pure white, very large.

Special Mixture

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	Oz.
...\$.30	...\$2.50

IMPERIAL GIANTS

Blue Moon—Lavender blue.

Bridesmaid—Salmon pink shades.

Coral Moon—Salmon rose shades.

Lavender Moon—Silvery lavender.

Silvermoon—Purple paper white.

Imperial Hybrids Mixed—A blend of rose and salmon shades.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
...\$.25	...\$.75	...\$2.25

RUDBECKIA

Gloriosa Double Daisy—An All American winner for 1961. Is excellent in the semi-tall area of the garden and is also fine for cutting. The golden yellow double and semi-double flowers are large and borne on stems about 18" long. Plants attain a height of 3 feet.

Tr. Pkt.	1/6 oz.	1/4 oz.	Oz.
\$1.00	\$1.50	\$2.50	\$4.50

Gloriosa Daisy—Mixture of bright yellow rich mahogany and bi-color flowers. Height 3 feet.

Tr. Pkt.	1/6 oz.	1/4 oz.	Oz.
\$.85	\$1.50	\$2.50	\$7.50

Gold Flame—Large golden yellow flowers with a crimson. Very free flowering, grows about 12" tall.

Tr. Pkt.	1/4 oz.	Oz.
\$.65	\$2.00	\$6.00



SALVIA

SPLENDENS (Scarlet Sage)

(Approx. 7,500 seeds per oz.)

This beautiful scarlet-flowered annual is gaining in popularity and is constantly in demand by homeowners. From July until frost it blooms profusely and is handsome in combination with white and/or pink petunias. It also may be recommended to plant in borders beside chrysanthemums for a striking fall color display. Seed should be sown in March in flats to which bottom heat is given to speed germination. From seedling to finished plant, no soil sterilized with methyl bromide should be used.

EXTRA DWARF

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Scarlet Pygmy—10" compact plants, early blooming	\$1.00	\$3.00	\$10.00	\$33.00

DWARF AND MEDIUM

	Tr. Pkt.	¼ oz.	Oz.	¼ lb.
Blaze of Fire—16 inches	\$.85	\$2.25	\$ 7.25	\$24.00

Fireworks—10-14 inches. Improves St. John's Fire in its earliness of bloom and dwarf compact growth. 1.00 3.00 10.00 33.00

Firemagic—10-12 inches 1.00 3.00 10.00 33.00

Firebrand—18 inches (Harbinger).. .85 2.25 7.25 24.00

Salvia Pink Rouge—(New)—This new salvia is about the same height as St. John's Fire. The brilliant pink flowers will appeal to many people. Habit is dwarf and uniform. It is early flowering, starting to bloom when only a few inches tall.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$6.00	\$18.00

Salvia Red Spire—(New)—This is really one of the most outstanding salvias developed to date. Grows about the same height as Harbinger. The foliage is deep green and the extremely full flower spikes of deep scarlet are carried well above the foliage.

Tr. Pkt.	¼ oz.	Oz.	¼ lb.
\$1.00	\$2.75	\$9.00	\$30.00

Salmon Pigmy—Salmon-pink companion of the popular scarlet pygmy \$1.00 \$6.00 \$18.00 \$54.00

St. John's Fire—12 inch 1.00 2.75 9.00 30.00

Toreador—Dwarf, improvement of St. John's Fire 1.00 3.00 10.00 33.00

TALL

America—(Globe of Fire)—20 inch.. \$.65 \$2.00 \$ 6.00 \$20.00

Bonfire—(Clara Bedman)—26 inch. .60 1.50 5.25 17.50

Splendens—Original late-flowering variety, 30 inch45 1.40 4.50 15.00

Zurich—25 inches65 1.50 5.25 17.50

FARINACEA (Blue Sage)

Blue Bedder—Medium lavender-blue, 3 ft. .. \$.50 \$1.25 \$4.00

Royal Blue—This strain has been reselected and is noticeably improved over other blue selections. Color is a rich deep blue..... .60 1.50 5.00



SALVIA ST. JOHNS

SCHIZANTHUS (Approx. 43,000 seeds per oz.)

Late summer sowing planted after early Chrysanthemums should flower in March. If additional light is used from October 25, blooming will start in January.

	Tr. Pkt.	¼ oz.	¼ lb.
Angel Wings—Compact, conical plants are extremely uniform. Blooms in a wide range of brilliant colors. All have contrasting gold centers	\$.60	\$1.80	\$3.25
Dr. Badger's Hybrids—A highly colored large-flowered strain of medium height. Suitable either for pots or cutting	.50	.80	1.25
Excelsior Compactus Mixed—Very dwarf (10" approx.) for pots	.60	1.80	3.25

SHAMROCK

For effective plants on March 17 seed is shown between Christmas and New Years on top of prepared pots as thickly as you would sow grass seed. This insures nice saleable pots.

	Tr. Pkt.	¼ oz.	Oz.
True Irish	\$.20	\$.35	\$1.20

STATICE

IMPROVED STRAIN

This strain is considerably improved over the old strain of statice, color-wise as well as size. It should certainly go a long way towards increasing the popularity of this flower.

American Beauty—Rose. Apricot—Pastel shades.
Gold Coast—Brilliant yellow. Belladonna Blue—Light blue.
Iceberg—Pure white. Midnight—Deep blue.
Roselight—Clear rose. Twilight—Medium lavender.

MIXED

Tr. Pkt.	Oz.	4 oz.	Lb.
\$.50	\$1.50	\$5.00	\$15.00

REGULAR STRAIN

Heavenly Blue	Yellow	Snow Witch	
Kempfs Blue	Market Rose	Mixed	
Rosa Superba	Lavender		
Tr. Pkt.	Oz.	4 oz.	Lb.
\$.25	\$.75	\$2.50	\$7.50

STATICE SUWOROWII

RUSSIAN OR RAT TAIL STATICE

	Tr. Pkt.	Oz.
Long lavender spikes. Useful statice for greenhouse forcing	\$.30	\$3.00

STOCKS (Approx. 18,700 seeds per oz.)

STOCK CULTURE

Stocks are very satisfactory for Winter and Spring flowering. Sowing the seeds in August and benching in October, the first flowers may be cut before Christmas if additional light (40-60 watt lamps spaced 5 feet) is used. Without this aid, the crop will come into flower in January. Continuity of bloom may be obtained by successive sowings to about the middle of February. This non-branching type, which has come into general use, should be planted 3 inches in the row and 6 inches between rows, producing a single stem. The branching types should be planted 8 x 8 inches and topped when 6 inches tall to produce side shoots of sufficient length.

Flowering of stocks only occurs when the temperatures are below 60 degrees for the greater part of the night. To secure the greatest percentage of doubling, the largest and most vigorous plants should be selected.

SOWING DATES FOR NON-BRANCHING STOCKS

Sowing Time	Flowering	Sowing Time	Flowering
August 1	January	December 1	May
September 1	February	January 1	Mother's Day
October 1	March	February 1	June
November 1	April	February 15	June 15

NON-BRANCHING EXCELSIOR COLUMN STOCKS

Apricot —Rich apricot tinged pink. Long spikes.	Pacific Pink —Pure pink. Outstanding under artificial lights.
Deep Apricot .	Pacific Yellow —Early. Improves Yellow Wonder.
Purple Heart —Bright violet purple.	Rose Pink .
Ruby Improved —Bright scarlet crimson.	Silvery Lilac .
White No. 16 .	Twilight Lavender —Deep lavender, excellent under artificial lights.
Enchantress Pink —Deep blush pink. Large flowered.	White Goddess —Early. Has perfect stems for cutting and shipping.
Gardenia —Glistening white.	Formula Mixed .
Pacific Blue —Clear mid blue.	

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$1.25	\$2.75	\$10.00



STOCK TRYSONIC GIANT IMPERIAL



STOCK NON-BRANCHING—SILVERY LILAC

TRYSONIC GIANT IMPERIAL

Produces 85 per cent or more double-flowered plants. When the seedlings reach the four-leaf stage, pick out the small, weak ones that will develop into singles and insure close to 100 per cent double-flowering plants.

Fiery Red	Canary Yellow	White
Bright Rose	Lilac Lavender	Choice Blend
Chamois	Navy Blue	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.	Oz.
\$1.75	\$2.75	\$5.00	\$18.00

BRANCHING GIANTS OF CALIFORNIA

When grown similarly to the non-branching type, remove side shoots to branch. Space 8 x 8 inches and top when six inches tall.

Pacific—Blue	Santa Maria—White
Red Woods—Blood red	Tahoe—Lavender
Santa Barbara—Chamois	Yosemite—Rose pink

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.40	\$4.50

BISMARCK (Early Giant Imperial)

Popular with the florists for a cut flower. Also excellent for bedding.

Buttercup	Fiery Blood Red	Lavender
Chamois—Rose	Flesh—Bright flesh	White
Dark Blue	Golden Rose	Formula Mixed

Elk's Pride—Rich deep purple.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.40	\$1.25	\$4.00

DWARF TEN-WEEK

Large flowering for pot plants and bedding.

Blood Red	Deep Rose	White
Canary Yellow	Lavender	Mixed—All colors
Carmine	Purple	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.30	\$1.00	\$3.00

SWEET PEAS (Approx. 340 seeds per oz.)

EARLY WINTER FLOWERING

These varieties are considered best during early winter and spring. Sow from July to September.

PINK

Giant Rose—Extra large rose pink
Nugget—Salmon pink

Shirley Temple—Soft rose

Zvolaneks Salmon—Salmon cerise

Vivian—Carmine rose on white

BLUE

Blue Boy—Large dark blue

Mariner—Clear blue

Princess Blue—Vigorous

belladonna blue

Waves—Large ruffled mid-blue

LAVENDER

Harmony—Clear lavender

Memory—Wavy rosy lavender

RED

Kate Smith—Long stem scarlet

Mars—Deep crimson

Vulcan—Sunproof scarlet

WHITE

Hope—Pure white, black-seeded

Snowstorm—Pure white, white-seeded

White Giant—Pure white, white-seeded

PRICES OF ABOVE VARIETIES

Oz.	¼ lb.	Lb.
\$.55	\$1.65	\$6.00

MULTIFLORA CLASS

A new, free-flowering class of Sweet Pea which produces many stems with five and six flowers. Stems are exceptionally long as well, making this a profitable market variety. Sow from mid July through November.

Beauty Rose—Rich crimson rose

Blue Wonder—Clear medium blue

Christmas Red—Crimson

Cranberry Red—Crimson with rose undertone

Elks Purple—Deep purple

Deep Rose—Deep coral rose

Lavender—Clear lavender

Orange Scarlet—On white ground

Valentine—Rich salmon cerise on cream white

Whirlwind—Light cream pink

Pure White—White seeded

Mixed

PRICES OF ABOVE VARIETIES

½ oz.	Oz.	¼ lb.	Lb.
\$.90	\$1.50	\$5.00	\$16.50



SWEET PEA MULTIFLORA

SPRING FLOWERING

CUTHBERTSON AND FLORIBUNDA STRAINS

The Cuthbertson Strain is recommended for sowing after November 1. It requires strong spring sun for best bloom.

This strain flowers two weeks later than the early spencers, and two to three weeks earlier than the summer flowering varieties when sown outdoors in the north.

Catherine—Clear cerise on white ground

Carol—Strong growing clear pink

Coline—Vigorous sunproof scarlet

Daisy—A pure black seeded white

Danny—Navy blue

Doris—Deep cherry rose

Evelyn—Salmon cream pink

Frank G.—Strong growing

lavender

Jimmy—Deep scarlet

Jessie—Wavy flowers of clear

satin mauve

Lois—Rose pink on white

background

Robert—Clear medium blue

Mixed

PRICES OF THE ABOVE VARIETIES

½ oz.	Oz.	¼ lb.
\$.35	\$.55	\$1.65

SUMMER FLOWERING

The Sweet Pea for outdoor use start inside and grow cool for outdoor planting in the spring.

WHITE

• Gigantic—White-black seeded.

Snow White.

LAVENDER

King Lavender—Clear lavender

• Highlander—Pure lavender

Powerscourt—Large lavender

PINK

• Pinkie—Large rose pink

Radar—Shrimp pink

Floradale—Rich salmon pink on

cream ground

Pat Unwin's—Rich cream pink

BLUE

Reflection—Clear mid blue

Flagship—Deep navy blue

RED

• Welcome—Dazzling scarlet

Rubicund—Crimson scarlet

ORANGE

Princess Elizabeth

Tangerine Improved—Fiery orange

PRICES OF THE ABOVE VARIETIES

Oz.	¼ lb.	Lb.
\$.40	\$1.25	\$4.00

THUNBERGIA (Approx. 1,300 seeds per oz.)

ALATA MIXED (Black Eyed Susan)

This climbing or trailing plant makes a very dense growth and produces many flowers in shades of yellow, buff and orange, some with black centers. They are ideal for porch boxes or hanging baskets.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.60	\$1.80

TORENIA (Approx. 375,000 seeds per oz.)

An excellent bedding plant which does well in sun, shade and semi shade. The plants are prolific bloomers and the flowers resemble miniature violas.

FOURNIERI GRANDIFLORA BLUE—Plants grow about 12/16 inches tall producing masses of blue flowers with a violet and yellow blotch on the lip.

FOURNIERI COMPACTA BLUE—A dwarf form of the above grows about 8" tall.

FOURNIERI, COMPACTA WHITE—Pure white about 8" tall.

PRICES FOR THE ABOVE 3 TORENIA

Tr. Pkt.	¼ oz.	½ oz.
\$.40	\$1.25	\$2.25

VERBENA

(Approx. 10,000 seeds per oz.)

Excellent for window boxes or combinations, Verbenas are also popular for bedding. To hasten germination seed should be sown in a 65° soil temperature. Because the plants tend to sprawl, they are easier to handle during the bedding sale season if they are pinched back early. Once established they may be grown at 50° night temperature.

Gloekner SPECIAL STRAIN MIXED

A fine mixture of dwarf Verbena for spring bedding plant sales. The plants are very dwarf in habit and have a splendid range of colors containing many of the eye types through the mixture.

Especially adapted to growing in 2 1/4" and 3" pots.

Tr. Pkt.	1/4 oz.	1/2 oz.	Oz.
\$1.00	\$2.00	\$3.50	\$6.00

BUSH-TYPE (Multiflora)

These new "Bush-Type" Verbenas are becoming very popular for their uniform, vigorous and upright growth. Eight to ten inches high, the plants are topped with a dense mass of flower heads.

Firelight —Vivid solid red	Starlight —Blue, cream eye
Roselight —Bright rose, white eye	Bush Type Blend —Brilliant mixture of above
Salmon Queen —Salmon-pink	
Snow White	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.45	\$1.30	\$4.00

HYBRIDA GRANDIFLORA GIGANTEA

A popular bedding plant due to its free flowering qualities. Seed must be sown early to get good plants for Spring.

Beauty of Oxford Hybrids — Rose pink to rose shades	Marilyn —A fiery cerise rose with small cream eye
Lavender Glory —Lavender with light eye	Sutton's Blue —Deep royal blue without eye
	Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.45	\$1.25	\$3.75



DWARF COMPACTA

This class of Verbena is unmatched for its neat compact habit. The dwarf plants are covered throughout the season with large trusses of mammoth blooms. In addition to the dwarf compact growth there are no open spots in the plant so common in the regular strains.

Crystal —Pure white flowers produced in abundance	Splendor —Royal purple with clear white eye
Dazzle —Solid, scarlet-red flowers	Sparkle Hybrid Mixed —Neat dwarf compact habit. Plants completely covered with giant size florets. Complete color range.
Delight —Coral-pink suffused salmon	
Sparkle —Bright scarlet red with large white eye	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.50	\$1.50	\$4.50

VINCA (Periwinkle)

(Approx. 21,000 seeds per oz.)

One of the most ideal bedding items. Vinca Rosea is able to tolerate even the hottest, dry weather and still make a good show. Foliage is a lustrous dark green. For bedding sales sow late November through December as this is a slow starter.

TALL CLASS

Alba Pure —Pure white
White with Eye
Kermesina —Crimson
Rosa —Pink
Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	1/4 oz.	Oz.
\$.30	\$.60	\$2.00



VINCA—LITTLE PINKIE AND BRIGHT EYE

DWARF TYPE

	Tr. Pkt.	1/4 oz.	Oz.
Bright Eye —Pure white with rose eye. Same dwarf and compact habit as Little Pinkie.....	\$1.00	\$2.50	\$7.75
Little Pinkie (Coquette) —Plants attain height of approx. 10" and flowers are rose-pink, foliage deep green	.45	1.35	4.50
Rose Carpet (Creeping) —Rose colored flowers—has creeping habit instead of upright growth.....	1.00	3.00	9.00

ZINNIAS

GIANT CACTUS FLOWERED

(Approx. 3,100 seeds per oz.)

Cherry Time—Shades of cherry, cerise and spirea red.

Dark Jewels—A blend of the darker, stronger colors in the cactus types. This mixture includes the most recent introductions.

Ice Cream Imp.—Large cactus flowered hybrid, true cream yellow.

Lilac Time—Shade of rich rosy lilac.

Pride of Deldrin—Bi-colored flowers, golden orange outside deepening to scarlet in the centers. Vigorous plants.

Snow Time—The nearest to white of any cactus flowered zinnia.

Blaze—A brilliant combination of mandarin red and scarlet orange.

Burpee Hybrids—Varied mixture of brilliant colors and blends.

Floradale Scarlet—Vibrant red with twisted petals.

Riverside Beauty—Luminous pink with curled and twisted petals.

Sunny Boy—Rich buttercup yellow, flat reflexed petals.

Prices of above — Except where noted
Tr. Pkt. ¼ oz. Oz. ¼ lb.
\$.50 \$1.25 \$3.75 \$12.50

F. HYBRIDS

Poly Pink—Semi-cactus flowers of a medium sized clear pink color. Plants are compact and are practically covered with flowers.

Tr. Pkt. ¼ oz. ¼ oz. Oz.
\$.85 \$1.65 \$5.00 \$15.00

Trail Blazer—This F1 Hybrid produces medium sized double and semi-double flowers of brilliant red with yellow centers.

Tr. Pkt. ¼ oz. Oz.
\$.90 \$3.25 \$12.00

IMPROVED LILLIPUT

(Approx. 4,000 seeds per oz.)

(Pompon or Baby Zinnias, Special Florists' Strains)

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact and symmetrical, on strong stemmed 1½ ft. plants.

Canary Gem	Rosebud
Crimson	Salmon Gem
Golden Gem	Scarlet Gem
Lilac Gem	White Gem
Pink Gem	Pastel Mixture
Purple Gem	Finest Mixed

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.
\$.30	\$.50	\$.80

Oz.	¼ oz.	Lb.
\$1.50	\$5.00	\$15.00

HAAGEANA "OLD MEXICO" (New)

This is a silver medal winner in the all America trial. The color is a uniform deep red at the base overlaid and tipped with golden yellow on the petals. It is very free flower and ideal as a cut flower for the home gardener. The plants are uniform and bushy producing 2½" flowers on plants that grow about 18 inches tall.

Tr. Pkt.	⅛ oz.	¼ oz.	Oz.
\$.90	\$2.25	\$4.35	\$13.00

RED MAN

This all American winner is one of the most attractive of the large flowered Zinnias. The flower is a giant cactus type and the color is brilliant scarlet. Growth habit is semi-dwarf and erect growing.

Tr. Pkt.	¼ oz.	Oz.
\$.75	\$2.25	\$8.00



ZINNIA RED MAN

ELEGANS PUMILA DOUBLE

"CUT AND COME AGAIN"

(Approx. 4,200 seeds per oz.)

Medium size flowers on long stems. This makes an ideal garden variety both as a tall border planting and for cutting.

Canary Yellow
Crimson
Golden Orange
Pinkie—Rose pink
Salmon Rose
Scarlet
Snowball
Sunshine Tints—Pastel shades
Tangerine—Orange red tinge
Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	Oz.	¼ oz.
\$.30	\$1.50	\$5.00

LILLIPUT TOM THUMB

(Approx. 5,900 seeds per oz.)

Mixture—Plants 4"—6", compact with well formed flowers of the Lilliput type. In red, orange, yellow, pink, rose and pastel shades.

Tr. Pkt.	Oz.
\$.35	\$1.50



ZINNIA STATE FAIR

ZINNIAS

GIANT CALIFORNIA OR MAMMOTH FLOWERED

(Approx. 3,150 seeds per oz.)

The plants, which are three to four feet in height, are taller than the Dahlia Flowered class and have long stems which adapt them for use as a cut flower. The large flat flowers with imbricated petals give a graceful effect. Their colors are brilliant and clear.

Pink Lady—Bi-color with pink center and cream and buff outer petals.

Tr. Pkt.	¼ oz.	Oz.
\$.55	\$1.00	\$3.00

Brightness—Bright pink
Cherry (Cerise) Queen—Rich crimson
Crimson Queen—Rich crimson
Daffodil Improved—Canary yellow
Enchantress—Light rose, deep rose center
Golden Queen—Golden yellow
Grenadier—Bright dark red
Isabellina—Creamy buttercup
Lavender Queen—Deep rosy lavender

Miss Willmott—Soft pink
Orange King—Cadmium or orange scarlet
Orange Queen—Golden orange
Purity—White, best white in Zinnias
Rose Queen—Striking bright rose
Salmon Queen—Salmon rose
Scarlet Queen—Glowing deep scarlet
Violet Queen—Deep purple
Finest Mixed—From named varieties

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.30	\$.50	\$.80	\$1.50	\$5.00	\$15.00

ZINNIAS

DAHLIA FLOWERED—Bodger's Gold Medal Strain

(Approx. 3,000 seeds per oz.)

The center petals of this popular class incurve giving the blooms a deep, full appearance.

Canary Bird—Rich canary yellow
Crimson Monarch—Deep crimson
Dream—Deep lavender
Eldorado—Salmon apricot
Exquisite—Light rose, deep rose center
Golden Dawn—Golden yellow
Golden State—Golden orange
Illumination—Deep rose self

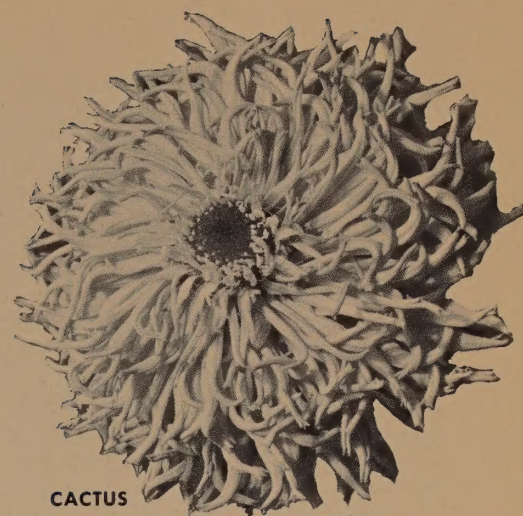
Luminosa—Bright deep pink
Oriole—Orange and gold bi-color
Polar Bear—Large pure white
Purple Prince
Scarlet Flame—Bright scarlet
Will Rogers—Brilliant scarlet red
Finest Mixed

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
\$.30	\$.50	\$.85	\$1.50	\$5.00	\$14.50

ZINNIAS — MISCELLANEOUS

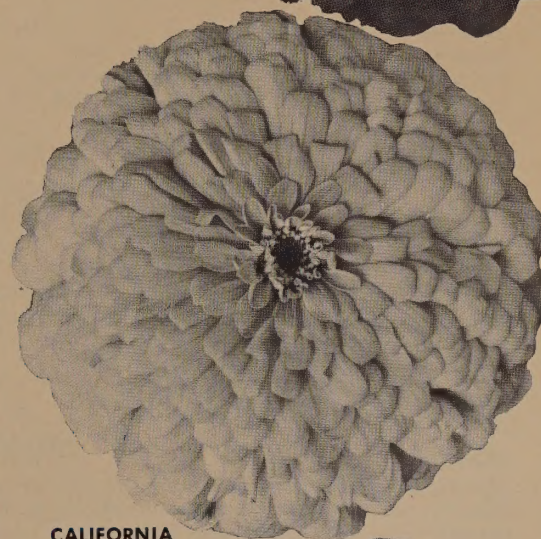
	Tr. Pkt.	¼ oz.	Oz.
Fantasy Mixed —A colorful blend of shaggy petaled double flowers of medium size. Good for cutting	.30	.60	\$1.80
Merry-Go-Round —Mixture of bi-colors with cactus and semi-cactus flowers. Colors contrast very sharply in each flower	.75	2.00	6.00
Miss Universe —Large, fully double flowers of semi-cactus type, are produced on compact, bushy plants. Excellent color range	.40	1.25	3.75
Navajo Mixed —(Gaillardia Flowered)—1½" flowers which resemble Pica Double Gaillardia, in both form and color.....	.35	.85	1.50
New Century Mixed —Large double blossoms are produced on sturdy 2½-3' plants. Complete color range.....	.75	2.00	6.00
Ortho Polka —Blooms striped and mottled like Giant Peppermint Stick, but produced on much larger and sturdier 3' plants	.50	1.25	3.75
Peppermint Stick —Contains a wide color range of Pumila-type flowers, 60% of which are beautifully striped. An improvement over previous striped strains	.35	.75	2.25
Persian Carpet —Fully double, variegated, miniature flowers are produced on everblooming mound shaped plants	.50	1.50	4.50
Red Riding Hood —(Gracillima Type)—Miniature deep scarlet flowers on plants 1½-2'	.25	.85	1.50
State Fair —Mixture of Tetra Zinnias in a complete range of colors. The extremely large flowers are fully double produced on sturdy plants with heavy dark green foliage	.30	.80	2.40



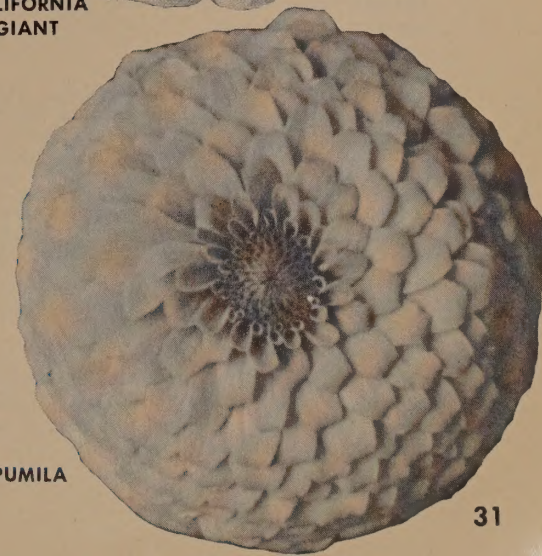
CACTUS



DAHLIA



CALIFORNIA
GIANT



PUMILA

PERENNIALS

Home gardeners are discovering the landscape beauty of the easy-to-grow perennials listed on these pages. No spring sales yard is complete without a wide selection of perennials in baskets or pots for them to choose from. At present the most popular are Alyssum saxatile, aquilegia, English daisy, cerastium, Siberian wallflower, campanula, shasta daisy, coreopsis, foxglove, gaillardia, heuchera, candytuft, scabiosa, sweet William, and viola cornuta. Seed is best sown in spring for germination, is better when the weather is cool. The young plants are spaced in beds in early summer and they winter over well for spring sales. Indoor-sown seed in January or early February also produces saleable spring plants, many of which will be in bloom. Plan now to round out your plant offerings with the popular perennials.

ACHILLEA

	Tr. Pkt.	¼ oz.	Oz.
The Pearl (Ptarmica)—Double pure white flowers borne in dense heads	.30	\$1.25	
Cloth of Gold (Filipendula)—Large heads of golden yellow flowers on long stems. Good for cutting	.30	1.25	

AGROSTEMMA

	Tr. Pkt.	¼ oz.	Oz.
Coronaria Atrosanguinea—Deep blood red..	.20	\$.60	

ALYSSUM

	Tr. Pkt.	¼ oz.	Oz.
Saxatile Compactum "Gold Dust"—Dwarf shrubby habit with dense heads of golden-yellow flowers. Blooms from early spring through June and grows 12 inches high....	.20	\$1.20	

ANCHUSA

	Tr. Pkt.	¼ oz.	Oz.
Italica Dropmore—Flowers resemble clusters of giant Forget-me-nots and are turquoise blue. Plants attain a height of 3 to 5 feet and bloom during June and July.....	.25	\$.75	\$2.25
Myosotidiflora—Produces large sprays of tiny blue Forget-me-not flowers above large heart-shaped leaves	.45	\$1.35	\$2.50

ANTHEMIS

	Tr. Pkt.	¼ oz.	Oz.
Kelwayi—One of the best of the hardy Marguerites, produces yellow daisy-like flowers over a long season	.20	\$.35	\$1.10

ARMERIA

	Tr. Pkt.	¼ oz.	Oz.
Formosa Hybrida—Various shades of rose pink	.40	\$1.40	

ARABIS

	Tr. Pkt.	¼ oz.	Oz.
Alpina Pink—Grows about 12" tall. Color is a delicate pale pink	.45	\$4.00	
Alpina "Snow Cap"—Attains a height of 6". The plant flowers very early and is of a spreading nature. The white flowers which appear from early spring to May are so numerous that no foliage is visible.....	.40	2.75	

ASTER

	Tr. Pkt.	¼ oz.	Oz.
Alpinus Mixed—Plants attain a height of about 9" suitable for rockery, or front of borders, where they make a nice display during May and June	.60	\$1.95	

ASCLEPIAS

	Tr. Pkt.	¼ oz.	Oz.
Tuberosa—Very showy and popular plant bearing flowers of brilliant orange scarlet during July and August	.35	\$3.90	

AQUILEGIA

	Tr. Pkt.	¼ oz.	Oz.
Coerulea—Rocky Mountain Blue Columbine. Clear blue with a white corolla.....	.40	\$1.25	\$3.75
Crimson Star Hybrids—Bi-color dark red with white	.60	3.00	
McKana's Giant—Large long spurred flowers. A bright mixture of colors	1.00	3.00	9.00
Long Spurred Blue Shades	.60	3.00	
Mrs. Scott Elliott's Hybrids—The most popular Columbine	.50	4.50	
Rose Queen—Pink with white corolla.....	.50	4.50	
Snow Queen—The largest pure white.....	.50	4.50	

AUBRETIA

	Tr. Pkt.	¼ oz.
Low growing plant that forms a solid green mound. The flower stems are produced about 6" above the plant.		
Hendersoni—Deep purple	.45	\$1.30
Leichtlini—Carmine rose	.45	1.30

BELLIS (English Daisy)

	Tr. Pkt.	¼ oz.
Perennis Monstrosa—Pink, red, white mixed.....	.60	\$3.75

BROOM (Cytisus)

	Tr. Pkt.	¼ oz.
Choice Mixed—Bright colored raceme-like blooms on vigorous, hardy shrubs. Will flower from seed the second year	.50	\$2.35

CARNATION

	Tr. Pkt.	¼ oz.
Early Vienna—Very dwarf	.60	\$2.75
Grenadin Mixed	.60	2.00

CAMPANULA

	Tr. Pkt.	¼ oz.
Carpatica—9"—Blue—June bloom. Upright cup shaped flowers produced on leafy, erect growing plants. Ideal for use in wall gardens.....	.60	\$2.80

CALYCANTHEMA

	Tr. Pkt.	¼ oz.	Oz.
(Cup and Saucer). One of the most showy of this group. The flowers are large on stalks that attain a height of about 3 feet. Good for cutting.			
Deep Blue	.30	\$.80	\$2.40
Deep Rose	.30	.80	2.40
White	.30	.80	2.40

PERSICIFOLIA

	Tr. Pkt.
(Peachleaf, Bellflower). This variety grows from 2 to 3 feet tall and produces flowers that are more shallow than bell shaped and has foliage that is long, narrow and very graceful.	
Blue	.50
Alba	.50

PYRAMIDALIS

	Tr. Pkt.
The Chimney-Bellflower is one of the tallest Campanulas attaining a height of about 5 feet. Its long stalks of flowers start blooming in August and continue for several weeks.	
Alba	.40
Blue	.40

ROTUNDIFOLIA

Scotch Harebell is an attractive flower producing little bells of blue during late spring and continuing over a long season. Grows 12" tall	\$.60



AQUILEGIA MCKANA'S GIANT

PERENNIALS

CENTAUAREA

Montana—Has numerous deep blue flowers resembling Centaurea Cyanus on plants growing about 1½ feet tall. Flowers early

Tr. Pkt.	Oz.
.....\$.30	\$1.80

CERASTIUM

Tomentosum—Snow in The Summer is a very descriptive name for this low-growing plant. Grows about 6" high. Its small white flowers are produced in June. Excellent for rockeries

Tr. Pkt.	Oz.
.....\$.30	\$2.00

CHEIRANTHUS (Siberian Wallflower)

Allioni—The Siberian Wallflower, a biennial, produces its bright orange flowers on 15" spikes from May to September. To keep plant blooming, flowers must be cut

Tr. Pkt.	Oz.
.....\$.20	\$.45

CHRYSANTHEMUM (Shasta Daisy)

Alaska—Most popular of all. Large pure white blooms on excellent stems. Starts blooming in June and continues for some time

Tr. Pkt.	Oz.
.....\$.25	\$1.40
May Queen—(Spring Marguerite)—Medium sized flowers	.25 1.10

COREOPSIS

Mayfield Giant—Deep golden yellow, large flowers, early

Tr. Pkt.	Oz.
.....\$.25	\$.90
Double Sunburst—Large, golden yellow, fully double flowers	.25 1.10

DIANTHUS

Plumarius Spring Beauty—The grass, or Garden Pinks, are low-growing plants, which bloom early in the spring. This extra double strain is outstanding

Tr. Pkt.	¼ oz.
.....\$.45	\$1.75
Deltoides Carmine Rose—(Maiden Pink)—Deep rose, 8"	.50 2.50

DICENTRA

Exima—(Plumy Bleeding Heart)—Rose pink blooms on dwarf 12" plants

Tr. Pkt.	¼ oz.
.....\$.50	\$1.50

DORONICUM (Leopards Bane)

Caucasicum—Grows about 2 ft. tall. Bears daisy like yellow flowers on long stems

Tr. Pkt.	¼ oz.
.....\$1.00	\$2.25

DIGITALIS (Foxglove)

Flowers during June and July. The flowering spike grows well over three feet in height with individual tubular or bell-shaped flowers, placed close on the side of the strain.

Tr. Pkt.	Oz.
The Shirley—Giant hybrids, spotted throats....\$.35	\$3.00

EREMURUS

Robustus—Commonly called Foxtail Lily. This plant grows over 6 ft. tall producing a bright rose flower spike....\$1.00 \$3.50

EUPHORBIA

Myrsinites—Attractive bluish gray foliage. Large yellow heads of flowers are produced on each branch during May. 6-8 in. tall

Tr. Pkt.	Oz.
.....\$.35	\$1.00

Polychroma—Grows about 15 to 18 in. tall producing lemon colored rose shaped flowers during May and June

Tr. Pkt.	Oz.
.....\$.60	1.80



CHRYSANTHEMUM SHASTA DAISY ALASKA

GAILLARDIA

Blanket flowers are showy and of easy culture. They begin to flower in June and continue until frost.

	Tr. Pkt.	Oz.
Burgundy—Copper scarlet self	\$.30	\$2.50
Dazzler—Large rich red flowers with orange tip. Fine for cutting	\$.30	1.90
Goblin—Dwarf, compact. Deep red with yellow border	\$.40	2.90
Portola Hybrids—Red with golden tips. Excellent for cutting	\$.30	2.00

GEUM

This plant which flowers from May to October is useful for cutting and can also be used for borders and rockeries.

	Tr. Pkt.	Oz.
Mrs. Bradshaw—Brilliant scarlet. Double flowers. Good for cutting	\$.30	\$2.90
Lady Stratheden—Double golden yellow. Excellent for cutting	\$.30	2.90

GYPSOPHILA

One of the daintiest of old-fashioned flowers. The plants are covered with small blooms all during the summer. The tall growing varieties are good for cutting.

	Tr. Pkt.	Oz.
Paniculata—(Single)—Hardy, graceful sprays of white flowers	\$.25	\$1.00

HELIANTHEMUM (Sun Rose)

Mutabile—Dwarf evergreen rock plant that grows about 8"-10". The mixture of pink and orange flowers cover the plant during June and July.

Tr. Pkt.	¼ oz.	Oz.
\$.35	\$.60	\$1.80

HEUCHERA

One of the most desired of the smaller growing plants. The plants of Sanguinea are compact, bushy and grow in tufts with flower stems about 1½ feet high, blooming in mid-summer.

Tr. Pkt.	¼ oz.
Sanguinea—Fine for cutting. Vivid shade of coral red..\$.60	\$3.00

HOLLYHOCK — CHATERS DOUBLE

Black Gem—Maroon.	Newport Pink.
Chamois.	Salmon Rose.
Enchantress—Deep rose.	Virgin Queen—White.
Fire King—Scarlet.	Mixed.
Golden Drop—Sulphur.	

PRICES OF THE ABOVE VARIETIES

Tr. Pkt.....\$.35	Oz.....\$1.70
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CANDYTUFT GIBALTARICA



LYCHNIS CHALCEDONICA



SWEET WILLIAM SINGLE MIXED

VIOLA CORNUTA

These miniature pansies are quite pretty and good for bedding. Ideal to cut for display in bowls or miniature arrangements.

Admiration—Large dark blue.

Chantreyland—Pure apricot.

Arkwright Ruby—Wonderful large rounded flowers of ruby crimson with terra cotta and darker markings. Fragrant.

Blue Perfection—Large flowered fine light blue.

Lutea Splendens—Golden yellow.

Papilio—Blue and white.

PRICES OF ABOVE VARIETIES

Tr. Pkt.	¼ oz.	Oz.
\$.60	\$2.00	\$6.00

Toyland—An F2 Hybrid mixture that has large flowers freely produced on sturdy compact plants. The flowers are waved and consist of straight colors as well as combinations of red—gold—apricot—blue—purple—mahogany and white.

Tr. Pkt.	¼ oz.	Oz.
\$1.00	\$3.50	\$10.50

PERENNIALS

IBERIS

Low-growing plant that grows about 9 to 12" tall, and spreads out making mats which are covered with flat dense clusters of flowers from the end of April through June.

	Tr. Pkt.	Oz.
Gibraltarica —Lilac	\$.30	\$1.50
Sempervirens —White	.60	4.75

LAVENDULA

Vera—Well-known fragrant hardy perennial. Always in good demand.

Tr. Pkt.	¼ oz.
\$.40	\$1.25

LIATRIS

Long spikes 4 to 5 feet tall of rosy purple. Flowers during August and September.

	Tr. Pkt.	Oz.
Pycnostachya —Rosy purple. Fine for cutting	\$.35	\$3.00

LINUM

	Tr. Pkt.	¼ oz.	Oz.
Perenne —(Flax)—Blue. 1½ ft. tall	\$.30		\$.90
Flavum —Yellow. 2 ft. tall	.30	\$.85	2.50

LUNARIA BIENNIS (Honesty)

	Tr. Pkt.	Oz.
Alba —White	\$.25	\$1.40

LUPINUS

Russell's Prize Mixture—The large florets form large erect flower spikes.

	Tr. Pkt.	Oz.
Mixture contains many unusual colors	\$.40	\$2.10

LYCHNIS

Chalcedonica—Flowers in June. Produces several flower stems over 3 ft. tall with immense heads of vermilion scarlet flowers

	Tr. Pkt.	Oz.
	\$.25	\$1.50

MYOSOTIS

Alpestris Victoria—Grows about 6" tall and is compact in growth. Produces its clear indigo blue flowers beginning in April.

	Tr. Pkt.	Oz.
	\$.60	\$4.75

Palustris Sempervirens—Pale blue flowers. Begins blooming about May and continues until fall

	Tr. Pkt.	Oz.
	.40	3.25

PRIMULA

Hardy Primrose are showy plants that have small dainty flowers during April. The plants grow about 6 to 8 inches tall.

	Tr. Pkt.	¼ oz.
Auricula Alpine Mixed	\$1.00	\$5.00
Veris Munstead's Strain	1.25	5.25

PYRETHRUM

These are excellent for cutting. The bright colored daisy-like flowers are produced on long stems. Plants grow about 2 to 3 ft. tall and flower in June.

	Tr. Pkt.	Oz.
Hybridum Single Mixed	\$.60	\$5.50
Double Mixed	¾ oz. \$1.60	.60 2.25

SAPONARIA

Ocymoides—Rose pink trailing rock plant

Tr. Pkt.	Oz.
\$.30	\$2.10

SCABIOSA

Plants grow about 2 to 3 ft. tall producing their flowers on long wiry stems from June to September. Good for cutting.

	Tr. Pkt.	Oz.
Caucasica Isaac House Hybrids —Improved strain. Flowers range from lavender to dark blue. Excellent for cutting	\$.45	\$4.00

STATICE

Caspia—Lilac. Fine for table decoration

Tr. Pkt.	Oz.
\$.40	\$2.75

Dumosa—Silvery gray flowers. Good cut flower

Tr. Pkt.	Oz.
.40	2.75

Latifolia—Deep blue flowers. Fine for cutting

Tr. Pkt.	Oz.
.30	2.00

SWEET WILLIAM

Newport Pink

Tr. Pkt.	Oz.
\$.40	\$2.60

Scarlet Beauty—Scarlet red

Tr. Pkt.	Oz.
.40	2.60

Single Mixed

Tr. Pkt.	Oz.
.40	2.60

Double Mixed

Tr. Pkt.	Oz.
.40	2.60

Dwarf Alpinus Midget Mixed—(Indian Carpet)—Early flowering type of Sweet William, consisting of light and dark colors, mixed. Height 4 to 6 inches. Suitable for border or rock garden planting.

Tr. Pkt.	¼ oz.	Oz.
\$.60	\$1.50	\$4.75

TRITOMA

Hybrids—(Red Hot Poker)—Mixed

Tr. Pkt.	Oz.
\$.45	\$2.40

VERONICA

Spicata—Grows about 1½ ft. tall and produces its bright blue flowers during June

Tr. Pkt.	Oz.
\$.50	\$4.00

VEGETABLE SEEDS

F₁ HYBRIDS

F₁ Hybrid Vegetable, like F₁ Hybrid Flower Seed, offers many benefits over the older standard or line bred varieties. Uniformity, earliness, disease resistance and, above all, much greater productivity are all clearly evident in the F₁ Hybrids.

CUCUMBER F₁

BURPEE HYBRID

60 Days—High resistance, vigor and long production, make this a truly outstanding variety.

EARLY SURECROP

58 Days—This variety is now widely sold for Greenhouse, Market and Home Gardening use. Used for both pickling and slicing, the crisp 8 to 9 inch fruits are highly disease resistant.

TOTAL MARKETER

65 Days—For use as a shipper and greenhouse hybrid. Produces uniform dark green 8 to 9 inch fruits over a period which extends well past most other varieties. High yielding and uniform.

PRICES OF ABOVE VARIETIES

½ oz.	Oz.	¼ lb.
\$2.20	\$4.25	\$12.75

TOMATO F₁

BURPEE BIG BOY HYBRID®

One of the largest F₁ Hybrid Tomatoes. Fruits are firm, smooth, deep globe scarlet of excellent flavor and quality. Mid-season producing continuously until frost.
® Registered Trademark of W. Atlee Burpee Co.

EARLY GIANT

60 Days—Vigorous, early and large fruited. Deep red, globe shaped without undesirable white core.

GIANT KING

80 Days—Bright scarlet, globe shaped fruits of excellent quality and flavor. Good mid-season tomato.

TUCKCROSS O

(Tuckers Forcing X Ohio WR No. 3)—Forcing variety, produces red fruits which are smooth, meaty and highly disease resistant.

WONDER BOY

80 Days—This improved mid-season variety produces large, round, meaty fruits of exceptional texture and flavor.

PRICES OF THE ABOVE VARIETIES

¼ oz.	¼ oz.	½ oz.	Oz.	¼ lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

BURPEE HYBRID

70 Days—Scarlet red fruits are medium large, smooth and firm. Good all purpose main crop. Heavy producer.

PA. 103

70 Days—Rich red fruits, highly resistant. Excellent for the South, Central and Eastern United States.

PRICES OF THE ABOVE VARIETIES

¼ oz.	¼ oz.	½ oz.	Oz.	¼ lb.
\$3.50	\$6.00	\$11.00	\$21.00	\$65.00

EGG PLANT F₁

BURPEE HYBRID

70 Days—Vigorous continuous producer. Highly resistant to drought and disease. Fruits medium size.

MISSION BELL

70 Days—Vigorous, upright, medium tall plants which produce a heavy, high quality yield. Fruits are deep oval shaped, tapering slightly toward stem, with skin that is smooth, dark and shiny.

PRICES OF ABOVE VARIETIES

½ oz.	Oz.	¼ lb.
\$4.00	\$7.00	\$12.00

SQUASH F₁

BLACKINI

50 Days—Improved Zucchini type. A very high yielding, good looking variety. Best picked when fruits are 6 to 8 inches long. Plants are very vigorous and compact.

Oz.	¼ lb.	Lb.
\$.90	\$3.00	\$9.00

VEGETABLE SEEDS

BROCCOLI

Italian Green Sprouting—(Early strain). Vigorous early type forming large compact central heads and very few laterals \$.40 1/4 lb. \$1.35

BRUSSELS SPROUTS

Long Island Improved—Plant dwarf and compact.... \$.60 1/4 lb. \$2.00

CABBAGE

Copenhagen Market—Early, round headed variety. Excellent quality \$.65 1/4 oz. \$2.00
 Danish Ball Head (Penn State Strain)—Most popular late variety. Good keeper75 2.50
 Early Jersey Wakefield (Yellows Resistant)—The earliest oblong variety. Sure header, small heads, suitable for home gardens45 1.55
 Golden Acre (Yellows Resistant)—The earliest resistant cabbage developed. A SOLID ROUND HEAD OF MEDIUM SIZE65 2.00
 Wisconsin All Season (Yellows Resistant)—A main crop yellow resistant cabbage. Round head, good quality.. .90 3.00
 Mammoth Red Rock—Best red variety. Good keeper, round head60 2.00
 Marion Market (Yellows Resistant)—A resistant Copenhagen Market matures a trifle later60 2.00
 Premium (Late) Flat Dutch—Large late variety. Very good quality, excellent keeper60 2.00
 Savoy, Chieftain—Earlier than standard market varieties of Savoy. Plant medium short stemmed..... .60 2.00

CAULIFLOWER

Early Snowball "A" (Dwarf Erfurt)—One of the most satisfactory early strains of Snowball..... \$.80 1/4 lb. \$2.50
 Snowdrift—Heads large firm and snowy white..... .80 2.50

CELERY

Golden Yellow Self Bleaching—Standard early market variety \$1.50 1/4 lb. \$5.00
 Golden Plume—Early, non-bolting variety. Fine flavor, solid and tender 1.50 5.00
 Giant Pascal—Stems thick, of fine quality, rich nutty flavor. An excellent variety 1.50 5.00

CUCUMBER F₁

Burpee Hybrid—60 Days—High resistance, vigor and long production, make this a truly outstanding variety.
 Early Surecrop—58 Days—This variety is now widely sold for Greenhouse, Market and Home Gardening use. Used for both pickling and slicing, the crisp 8 to 9 inch fruits are highly disease resistant.
 Total Marketer—65 Days—For use as a shipper and greenhouse hybrid. Produces uniform dark green 8 to 9 inch fruits over a period which extends well past most other varieties. High yielding and uniform.

PRICES OF ABOVE VARIETIES

1/2 oz.	Oz.	1/4 lb.
\$2.20	\$4.25	\$12.75

EGG PLANT

Burpee Hybrids. See F1 Hybrids, Page 00.
 Mission Bell.
 Black Beauty—An extra early, large variety with few seeds \$.60 1/4 lb. \$2.00
 Burpee Hybrid—70 Days—Vigorous continuous producer. Highly resistant to drought and disease. Fruits medium size.

1/2 oz.	Oz.	1/4 lb.
\$4.00	\$7.00	\$12.00

 Fort Myers Market—High bush variety. Heat and disease resistant \$.80 2.70
 Improved New York Purple—Popular home and market garden variety75 2.25
 Mission Bell (F1)—70 Days—Vigorous, upright, medium tall plants which produce a heavy, high quality yield. Fruits are deep oval shaped, tapering slightly toward stem, with skin that is smooth, dark and shiny.

1/2 oz.	Oz.	1/4 lb.
\$4.00	\$7.00	\$12.00

LETTUCE

	Oz.	1/4 lb.
Bibb (Forcing)—Plant small forming a small loosely folded head, leaves thick, deep green, slightly fringed with brown \$.30		\$1.00
Black Seeded Simpson—Ideal mid-summer leaf variety, will withstand heat and drought20		.70
Grand Rapids Forcing—The leading greenhouse forcing leaf variety, but may be grown successfully outdoors. .25		.80
Big Boston—A large headed variety for mid-summer and fall use25		.70
Iceberg—Crisp heading variety for home and market.. .30		1.00
Imperial 847—Crisp heading variety of medium size. Leaves smooth, thick and light green50		1.70
Romaine (Cos or White Paris self folding)—Medium tall plants with firm spoon shaped straight edged outer leaves30		1.00
Salad Bowl—Improvement over Oak Leaf. Early, stands summer heat exceptionally well. Loose leaf variety... .75		2.50

ONION

	Oz.	1/4 lb.
Prizetaker—Large, globular, yellow. Flesh coarse and mild \$.70		\$2.30
White Sweet Spanish—White with clear glistening skin. Globe-shaped70		2.30
Yellow Sweet Spanish—(Utah Strain)—Globe-shaped, keeps extra well70		2.30

PARSLEY

	Oz.	1/4 lb.
Extra Triple Curled—(Moss Curled)—Plants compact leaves dark and finely cut \$.20		\$.50

RADISH

	Oz.	1/4 lb.
Improved Scarlet Globe—Very early sort, valuable for out of door culture and for forcing. Uniform, rich bright, scarlet, flesh white \$.15		\$.45
Scarlet Turnip, White Tip—Popular variety, small top. Root bright scarlet with white area about the tip.... .15		.40
White Icicle—The best early white variety. Roots long, tapered, very white throughout20		.40

SQUASH

Blackini—50 Days—Improved Zucchini type. A very high yielding, good looking variety. Best picked when fruits are 6 to 8 inches long. Plants are very vigorous and compact.

Oz.	1/4 lb.	Lb.
\$.90	\$3.00	\$9.00

PEPPER

	Oz.	1/4 lb.
All Big—(Sweet)—Shaped like World Beater but darker and longer \$1.20		\$4.00
California Wonder—(Sweet)—Much used, particularly by market growers. Large green fruits practically as early as Ruby King70		2.50
Cayenne Long Red (Hot)—A leading sort for use in pickles, for canning and for drying. Fruits long, tapered, and very pungent60		2.00
Floral Gem—(Bull Nose or Large Bell)—Hot, medium sized fruits, deep green 1.00		3.35
Golden California Wonder—Golden fleshed type 1.00		3.35
Hungarian Yellow Wax—(Hot)—Yellow very early. Fruits long, tapered. Waxy light yellow.. .75		2.50
Oakview Wonder—(Early California Wonder)—Sweet, productive \$1.20		\$4.00
Pimento—(Sweet)—Standard variety for home and market garden. Fruits heart-shaped and very smooth75		2.50
Ruby King—(Sweet)—A favorite for home and market garden. Fruits large and slightly tapered. Bright red65		2.25
Sweet Banana—(Hungarian Yellow Wax Sweet)—Plants vigorous, erect. Fruit about 7" long, 2" thick60		2.00
World Beater—(Sweet)—An early sort. Fruits large, oblong; flesh thick and sweet. Bright red. .60		2.00

VEGETABLE SEEDS

TOMATO

Burpee Big Boy Hybrid® (F1HyB.)—One of the largest F1 Hybrid Tomatoes. Fruits are firm, smooth, deep globe, scarlet of excellent flavor and quality. Mid-season producing continuously until frost.

® Registered Trademark of W. Atlee Burpee Co.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Bonny Best—(73 Days)—A general purpose tomato. Fruits evenly colored scarlet-red, medium large. . . . \$.75 2.25

Break O'Day—(73-75 Days)—Early wilt resistant, globe-shaped sort. Fruits large, scarlet of good quality.90 3.00

Burpee Hybrid (F1HyB.)—70 Days—Scarlet red fruits are medium large, smooth and firm. Good all purpose main crop. Heavy producer.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$3.50	\$6.00	\$11.00	\$21.00	\$65.00

Crimson Cushion—(Red Beefsteak) \$1.00 3.25
Dwarf Champion—Dwarf and treelike. Ideal for limited space. Pink fruit 1.00 3.25

Earliana—(64-66 Days)—Particularly valuable for home garden and early market. Fruit medium size flattened .90 3.00

Early Giant (F1HyB.)—60 Days—Vigorous, early and large fruited. Deep red, globe shaped without undesirable white core.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Giant King (F1HyB.)—80 Days—Bright scarlet, globe shaped fruits of excellent quality and flavor. Good mid-season tomato.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Giant Tree—(Italian Potato Leaf)—A pink tomato of large size. The large smooth fruits have few seeds. Flesh is tender and mild. . . \$1.20 3.50 12.00

Golden Queen—Large yellow fruit, mild flavor. . . . \$.80 2.70

Jubilee—(72 Days)—Fruits bright golden orange with few seeds. . . . \$.30 .50 .90 3.00

Manalucie—Mid-season red. Extra disease resistant. . . \$1.00 3.00

Marglobe—(75-78 Days)—Resistant to Fusarium wilt. Fruits uniform deep scarlet, globe shape and of distinct quality60 2.00

Master Marglobe—(75-78 Days)—HIGHLY resistant and heavily productive 1.20 4.00

Michigan State Forcing—Developed at Michigan State College. Very productive under restricted light conditions. Fruits deep scarlet, globe shaped, are borne in clusters of five to eleven \$.50 2.00

Oxheart—Heart shaped. Pink fruit, mild flavor. . . . \$1.10 3.70
PA. 103 (F1HyB.)—70 Days—Rich red fruits, highly resistant. Excellent for the South, Central and Eastern United States.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$3.50	\$6.00	\$11.00	\$21.00	\$65.00

Ponderosa—(85 Days)—One of the best for home use. Fruits purplish-pink, very fleshy with few seeds, of very mild flavor \$.90 3.00

Pritchard (Scarlet Topper)—Wilt resistant, heavily productive. Fruits large globular, scarlet and well colored about the stem end75 2.50

Rutgers—(78 Days)—Highly recommended for second early maturing variety for canning and tomato juice. Fruits similar in shape to Marglobe. Uniformly colored flesh90 3.00

Stokesdale—(70-73 Days)—Early suitable for shipping. Fruits uniform deep scarlet, globe shape85 2.75
Stokescross No. 5—(Maturing 75 Days)—Average size of fruit 4.7 ounces. This is perhaps the strongest F2 of the hybrid yet produced.

1/8 oz.	1/4 oz.	Oz.	1/4 lb.
\$.75	\$1.25	\$3.50	\$12.00

Stone Improved—(85 Days)—Very solid fruit scarlet red, flat shape \$.65 2.20

Tuckcross O—(Tuckers Forcing X Ohio WR No. 3)—Forcing variety, produces red fruits which are smooth, meaty and highly disease resistant.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

Urbana—Fruits are scarlet on prolific, very compact plants \$.90 3.00

Valiant—Early red90 3.00

Wonder Boy (F1HyB.)—80 Days—This improved mid-season variety produces large, round, meaty fruits of exceptional texture and flavor.

1/8 oz.	1/4 oz.	1/2 oz.	Oz.	1/4 lb.
\$4.50	\$8.50	\$16.00	\$30.00	\$98.00

TOMATOES (Small Fruited) FOR PICKLES, SALADS, PRESERVES

Red Cherry	Yellow Pear
Yellow Plum	Yellow Husk or Ground Cherry

PRICES OF THE ABOVE VARIETIES

1/4 oz. . . . \$.30	Oz. . . . \$.90	1/4 lb. . . \$3.00
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HERBS

Customers will be buying herbs this spring as never before, for the garden and home magazines have been playing up their culinary uses as well as their garden beauty. Meet this demand with young plants in bands and flats.

Anise (Annual)—14 to 16 inches tall. Aromatic seeds used in flavoring.

Basil (Annual)—12 inches tall. Entire plant has fragrant spicy aroma. Used for seasoning.

Borage (Annual)—12 to 18 inches tall. Large thick leaves are used as a pot herb.

Coriander (Annual)—2 to 2 1/2 ft. tall. Grown for seed. Used for flavoring in baking and confections.

Dill (Annual)—2 to 3 ft. tall. Chiefly grown for seed clusters used in pickling.

Sweet Fennel (Biennial)—3 to 4 ft. tall. Usually treated as an annual. Seed used for flavoring confections.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. . . . \$.20	Oz. . . . \$.60
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Sweet Marjoram—1 1/2 to 2 ft. tall. Grown for tender young leaves used in seasoning.

Sage (Perennial)—14 to 16 inches tall. The most commonly used of all herbs for seasoning.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. . . . \$.20	1/2 oz. . . . \$.60
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Rosmary (Half Hardy Perennial)—2 to 4 ft. tall. Leaves used for seasoning.

Thyme (Hardy Perennial)—8 to 10 inches tall. Pungent flavor used in culinary seasoning.

PRICES OF THE ABOVE VARIETIES

Tr. Pkt. . . . \$.20	1/4 oz. . . . \$.60
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INSECTICIDES – FUMIGATORS – FUNGICIDES

INSECTICIDES

ARAMITE 15W

Used to control Red Spider Mites.
4 lb. bag \$3.25 Case—12 x 4 lb. bags \$35.00

ARAMITE LIQUID 2E

Red Spider Mite Control. 1 gallon \$13.00

CHLOROBENZILATE 25W

For control of Spider Mites.
4 lb. bag \$5.25 Case 12 x 4 lb. bags \$53.50

D. D. T. 50W

General purpose. For most leaf eating, chewing insects, soil pests, thrips, white flies.
4 lb. bag \$1.55 Case 12 x 4 lb. bags \$16.50

ENDRIN 1.6 LB. LIQUID

Excellent for control of Cyclamen Mite, Aphids, Thrips, etc.
1 gallon \$12.50 4 gallons \$10.40 per gal.

KELTHANE W

For control of both Cyclamen and Red Spider Mites.
4 lb. bag \$5.50 Case 12 x 42 lb. bags \$60.00

KELTHANE 18.5 LIQUID

Red Spider Mite control.
1 gal. \$11.00 Case 4 x 1 gal. cans \$10.25 per gal.

LINDANE 25W

For Aphids, Thrips, Leafhoppers, Spittlebugs, Symphylids.
4 lb. bag \$7.00 Case 12 x 4 lb. bags \$78.00

LINDANE 1 1/2 %

50 lb. bag \$11.75

MALATHION 25W

For Spider Mites, Aphids, Thrip, Scales, Leafhoppers and Rollers, Mealy Bugs, Caterpillars, Beetles, White Flies and Tarnished plant bugs.
4 lb. bag \$2.75 Case 12 x 4 lb. bags \$28.70

MALATHION LIQUID 5-E

1 gallon \$11.50

NICO FUME LIQUID

To control Aphids, Thrips, Chrysanthemum Leaf Minor and Marguerite Fly.
1 gallon can \$16.25

PARATHION 15W

To control Aphids, Spider Mites, Caterpillars, Leaf Rollers, Thrips, Beetles, Mealy Bugs, White Flies and Rose Midge.
4 lb. bag \$1.75 Case—16 x 3 lb. bags \$25.00

P-40 (2% SODIUM SELENATE)

For chewing and sucking insects on plants other than edible crops. Food crops not to be grown in treated area for 12 months.
25 lbs. \$12.50 50 lbs. \$22.50 100 lbs. \$40.00

SODIUM SELENATE (PURE)

For control of Aphids, Red Spider, Cyclamen Mites and some Nematode.
4 oz. \$4.00 1 lb. \$12.50

SLUGIT

Liquid Metaldehyde solution for control of snails and slugs.
1 gallon \$12.00

SYSTOX

A systematic insecticide for control of Foliar Nematode, Aphids and Spider Mites. (For soil application only.)
1 gallon \$30.75

INSECTICIDES (Con't.)

TEDION 25

For control of Red Spider Mites.
2 lb. bag \$4.00 Case—12 x 2 lb. bags \$44.75

TEDION 90

For resistant Spider Mites. (Can combine with Aramite for highly resistant mites.)
1 lb. bag \$7.20 Case—12 x 1 lb. bags \$78.00

THIODAN EMULSION

For control of Aphids, White Fly and Cyclamen Mites.
1 gallon \$10.00

THIODAN 50W

2 lb. bag \$4.75 Case—12 x 2 lb. bags \$52.00

VAPATONE XX EMULSIVE

For control of Aphids, Thrips, Red Spider and Leaf Hopper Nymphs.
1 gallon \$12.00

SPREADER STICKER

For use with Agricultural Chemicals.
1 gallon \$9.50

FUMIGATORS

FULEX PARATHION FUMIGATOR

For Red Spider, Aphids and Thrip.
Carton—24 Cans.
2,000 cu. ft. \$12.00 10,000 cu. ft. \$17.00
5,000 cu. ft. \$14.50 20,000 cu. ft. \$26.00

FULEX APHID SMOKE FUMIGATOR

For Aphid and adult White Fly.
Carton—24 Cans.
2,000 cu. ft. \$11.00 10,000 cu. ft. \$17.00
5,000 cu. ft. \$14.00 20,000 cu. ft. \$25.00

FULEX SPIDER MITE FUMIGATOR

For Red Spider including some parathion resistant strains on Carnations, Chrysanthemums and Snaps.
Carton—24 Cans.
2,000 cu. ft. \$11.50 10,000 cu. ft. \$19.00
5,000 cu. ft. \$14.50 20,000 cu. ft. \$31.00

FULEX NICOTINE FUMIGATOR

Carton—12 Cans.
10,000 cu. ft. \$8.50 20,000 cu. ft. \$14.00

FULEX TEDION FUMIGATOR

Carton—12 Cans.
5,000 cu. ft. \$9.50 10,000 cu. ft. \$12.50
20,000 cu. ft. \$21.00

PLANT FUME 103

For control of Spider Mite, Aphid, Thrip.
Carton—36 cans 5,000 cu. ft. \$12.00
Carton—12 cans 20,000 cu. ft. \$12.00

TEDION® DITHIO FUMIGATORS

Contains 15% Tedion, 12.5% Dithio for control of resistant Red Spider, Mites, Aphids, White Fly, Mealy Bug, soft brown scale and Thrip.
10,000 cu. ft. \$15.00 per carton of 12
20,000 cu. ft. \$26.00 per carton of 12

FUNGICIDES

A. D. O.

A drench for controlling damp-off in seed flats. Also effective in controlling the spread of Rhizictonia, Pythium and Fusarium, Stem Rot Diseases.
Pint (treats 1,000 sq. ft.) \$4.95 Quart \$9.50

BOTRAN 50% WETTABLE

For the control of Botrytis grey mold on Mums, Carnations, Begonias, Hydrangeas, Geraniums, Gladiolus.
3 lb. bag \$5.55

BOTRAN 8% DUST

For the control of Botrytis grey mold on Chrysanthemums, Hydrangeas, Geraniums and Roses in the field and storage.
50 lb. bag only \$22.50

CAPTAIN

For Leaf Spot and Botrytis control. Not adequately effective against Rusts. Powdery Mildew, Bacteria.
5 lb. \$4.50 10 x 5 lbs. \$40.00

FERBAM

Controls Fungus Leaf Spots. Not Effective against Bacteria or Powdery Mildew.
3 lb. bag \$2.00 Case—12 x 3 lb. bags \$21.60

GEROX

For effective control of Fusarium and Bacterial Rot (Black Leg) of Geraniums. Also other rots caused by Rhizictonia Solani, a soil and damp-off Fungus.
150 grams—\$8.00 Post Paid
(Treats approx. 6,000 2 1/4" pots)

PANO DRENCH 4

EFFECTIVE FOR THE CONTROL OF DAMPING-OFF

An excellent liquid soil drench used to control damping-off caused by soil borne fungi (especially Rhizoctonia) on flowers and vegetables. For use in all soils, sands; on flats, pots, benches and outside beds. Just one to two teaspoons diluted with 3 gallons of water produces effective control. A 4 oz. bottle makes up to 72 gallons of drench—treats 300-400 sq. ft.

Price 1 oz. . . . \$1.95 4 oz. . . . \$5.95
16 oz. . . . \$19.20

TERRACHLOR W. P. 75% (PCNB)

Soil treatment for control of Rhizoctonia and Sclerotium Rolfsii.
5 lb. bag \$4.65 Case—10 x 5 lb. bags \$44.00

ZINEB 65W

To control Rusts, Fungus Leaf Spots, Botrytis Blights. Not effective against bacteria or Powdery Mildews.
3 lb. bag \$2.50 Case—16 x 3 lb. bags \$37.00

VAPAM (SOIL FUMIGANT)

For controlling weeds, weed seeds, Nematodes, and soil Fungi.
1 gallon \$4.75

THIODAN

(Pressure Fumigators)
Contains 15% Thiodan. For the control of resistant Green Aphids, White Fly, Chrysanthemums. Green Aphid and many other Aphid species.
10,000 cu. ft. \$12.00 per carton of 12
20,000 cu. ft. \$18.00 per carton of 12

SUPPLIES

PETERS SOLUBLE FERTILIZERS

M77 SEQUESTERED-CHELATED SOLUBLE FERTILIZERS

(PACKED IN 25 POUND BAGS ONLY)

Freight prepaid to any state in the union with the exception of Alaska and Hawaii, on 300 pounds or more. West of the Mississippi add 3 cents per pound on 300 pounds and over.

	1-3 Bags	100 to 975 lbs.	1000 to 1975 lbs.	2000 lbs. up	
15-15-15 Geranium Special	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
20-5-30 Potash Special	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
16-4-12 Easter Lily Special	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
25-10-10 Maryland Special	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
21-7-7 Azalea Neutral	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
21-7-7 Azalea Acid	\$7.00 ea.	\$.24 lb.	\$.23 lb.	\$.22 lb.	
20-20-20 General Purpose Feed	\$7.50 ea.	\$.26 lb.	\$.25 lb.	\$.24 lb.	
25-5-20 Carnation Special	\$7.50 ea.	\$.26 lb.	\$.25 lb.	\$.24 lb.	
15-30-15	\$7.50 ea.	\$.26 lb.	\$.25 lb.	\$.24 lb.	
30-10-10 Sprayfeed	\$6.00 ea.	\$.21 lb.	\$.20½ lb.	\$.20 lb.	
	1 lb.	5 lbs.	10 lbs.	20 lbs.	Over 20 lbs.
Sequestrene 12% Chelated Iron	\$3.00	\$1.75	\$1.60	\$1.50	\$1.40
Sequestrene 12% Chelated Manganese	\$3.00	\$2.00	\$1.85	\$1.75	\$1.65
		5 lbs.	25 lbs.	50 lbs. and over	
Soluble Trace Element Mix (Partially Chelated)....	\$.75 lb.	\$.56 lb.	\$.50 lb.	\$.50 lb.	

ELECTRA (5-10-3)

A highly organic fertilizer designed especially for florists. Contains major, minor and trace elements needed for plant growth.

Price: 80 lbs.....\$6.00

HIDROPON

10% Nitrogen—12% Phos. Acid—25% Potash
A most unusual combination of many soluble plant foods. Trace elements mostly chelates and other products added but not claimed.

Price: 25 lbs.....\$8.00 50 lbs.....\$12.00
100 lbs.....\$20.00

LIQUID "M" POWDERED

17% Nitrogen—24% Phos. Acid—18% Potash
Trace elements mostly as chelates and other products added but not claimed.

Price: 25 lbs.....\$8.00 50 lbs.....\$12.00
100 lbs.....\$20.00

SUPER MIST CLOCK #7260

This clock which is 9" x 9" x 3½" was especially designed for the Gloeckner Co. for the specific job of controlling low pressure mist. It is possible with this timer to carry on deversified greenhouse duties at the same time. Super mist clock six stations and it is possible to have all working simultaneously for any combination of duties. It has six frequencies from 3¾ minutes to 120 minutes adjustable to from 2 to 220 seconds.

Price.....\$69.00

Complete Misting Starter Kit

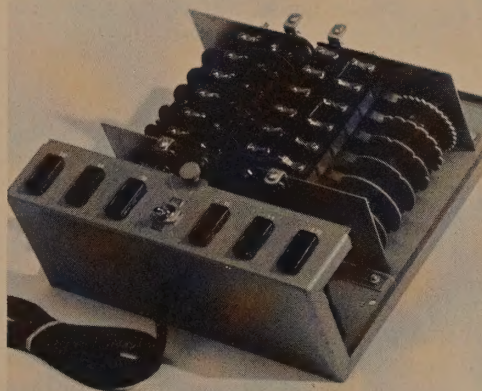
Enough for a 50 ft. bench

1—#603 Fixed Cycle Timer
Makes a complete cycle every 3 min.

16—White Showers Nozzles
1—Solenoid Valve ½"
1—Strainer ½"

\$60.00 for the above kit

MISTING EQUIPMENT



Nozzle WHITE SHOWERS "Mister 100"

Less than 100	\$1.00
In lots of 100	.75
In lots of 250	.70
In lots of 500	.65
In lots of 1,000	.60
2,000 or more	.55

SOLENOID VALVE

This is a snap action full port valve, 115 volt A C 60 cycles. It is recommended that you start with the ¾" to provide for expansion.

½"	\$21.75
¾"	26.75

STRAINERS

These are cast iron bodies with a Monel Cylindrical 20 gauge screen. They are the "Y" type and are very easily cleaned.

½"	\$6.75 ea.
¾"	7.50 ea.

SUPPLIES

FERT-O-JECT AUTOMATIC FERTILIZER INJECTORS

This Automatic Fertilizer Injector is machine engineered to inject into the water system soluble fertilizers in proportions suitable for maximum plant growth. By using the Fert-O-Ject method of fertilization a mild application is applied each time plants are watered assuring a uniform application to all plants.

Available in two models

Model E\$475.00
Model U-400 (Portable) 300.00

Write for complete descriptive literature.

FIBER GLASS DRUM

This fine Fiber Glass Drum is ideal for holding liquid fertilizer. Can be easily tapped or drilled to accommodate spigot. Holds 45 gals.
\$25.00

PHOSFON-D*

HEIGHT RETARDANT FOR MUMS

*Trademark of Virginia-Carolina Chemical Corp.

The latest development from the field of chemistry is the new PHOSFON-D for controlling the height of Chrysanthemums. Simple to use—just mix into potting soil at planting time. Requires no special care. One pound treats 3,000 to 5,000 pots of soil. Gives you better and more uniform plants.

1-lb. Bottle\$ 17.95 Postpaid
1 Case (12 1-lb. Bottles).....\$215.40 Postpaid

PETALIFE

Use this material to extend the life of your cut flowers. Experiments at Universities have shown that Petalife will increase the keeping quality of your flowers far beyond the time shown by other cut flower preservatives.

50 lb. drum \$40.00 per 100 lbs.
200 lbs. and up prepaid.

ROSELIFE

Has been especially developed to extend the life of Roses.

50 lb. drum \$42.00 per 100 lbs.
200 lbs. and up prepaid.

ROOTONE

A plant hormone powder for rooting cuttings and increasing root growth.

2 oz.....\$1.00 1 lb.....\$5.00

HORMODIN

No. 1 (Soft Cuttings).....1 lb. \$4.80
No. 2 (Shrubs)1/2 lb. 4.80
No. 3 (Azalea—Evergreens)1/2 lb. 7.00

CUTSTART (Rooting Compound)

X—For geraniums—fuchsia, african violet, etc.
1 lb. jars....\$4.00
XX—For carnations—mums, etc.
1 lb. jars....\$4.00

KWH MIST BLOWERS

(Mist Blower & Duster Combination)

Model 25C—Mist blower and duster combination —1 h.p. gasoline engine with hopper for approx. 20 lbs. of dust and front liquid tank holding about 1 1/3 gallons. Price.....\$258.00

Write for complete descriptive literature.

RESPIRATOR AO

One of the first respirators to meet the requirements of USDA for protection against dust, spray, mist and vapors. Filter cartridges are filled with the highest grade activated charcoal. Each cartridge has a built in fibrous filter for stopping particles of dust, mist and spray. R-71558 — Respirator — goggle combination.

Complete with filter and cartridges.....\$9.80
R.58—replacement filter cartridges
(3 per package) 4.80

DRAM WATER BREAKER

Cast aluminum with a face of 400 1/32" holes. Suitable for established seed flats—plants and bench watering.

PriceEach \$1.50

Extension handle designed for Dram Water Breaker.

16" with rubber gripEach \$1.50
24" with rubber gripEach 1.80
36" with rubber gripEach 2.25
48" with rubber gripEach 2.75

FOGG-IT NOZZLE

An all-brass nozzle that breaks water into a fine mist or foglike spray.

HOZON

Attaches between hose and faucet. Suction tube is dropped into bucket of soluble fertilizer which is drawn in, safely diluted and applied while you water.

\$2.25 ea.

TWISTEMS

Handy paper covered plant tie that are deep green in color. The wire running through the center of the tape makes them unbreakable.

	Per 1,000	Per 5,000	Per 10,000
4"	\$1.00	\$4.60	\$8.90
8"	1.75	8.00	15.50
12"	2.60	12.20	23.50
16"	3.50	16.25	31.25

AERO-DRAIN

Avoid the fuss for makeshift broken pot pieces. This pot hole cover is made of sturdy plastic. Used either side up when placed in the flower pot. Will permit necessary drainage and the air to flow freely. Can be used in pots for 4" to 12".

	Per 1000
1,000 to 9,000	\$6.50
10,000 to 49,000	6.15
50,000 to 99,000	5.95

Minimum Order 1,000

RUSTIC CEDAR BARK SLABS

Selected and treated Rustic Cedar. These are bright and clean—free of borer and have been selected for uniform widths.

Length	Width	Price	Pk. Per Bundle	Weight Per Bundle
1'	2"-3"	\$.04	100 pcs.	40 lbs.
1 1/2'	2 1/2"-4"	.05 1/2	50 pcs.	25 lbs.
2'	3"-4"	.09	50 pcs.	30 lbs.
2 1/2'	3"-4"	.12	50 pcs.	35 lbs.
3'	3"-4"	.13 1/2	50 pcs.	45 lbs.
4'	4"-5"	.18	50 pcs.	80 lbs.
4'	3"-4"	.18	50 pcs.	65 lbs.
5'	4"-6"	.35	25 pcs.	70 lbs.
6'	5"-7"	.40	25 pcs.	90 lbs.

NOTE: On 4 ft. Cedar Bark, please narrow or regular.

1' Cedar Bark ideal for dish gardens.

CEDAR BARK POLES

Length	Diameter	Price	Pk. Per Bundle	Weight Per Bundle
1 1/2'	1" -1 1/2"	\$.09	50 pcs.	50 lbs.
2'	1 1/4"-2"	.13	25 pcs.	30 lbs.
2 1/2'	1 1/4"-2 1/2"	.17 1/2	25 pcs.	35 lbs.
3'	1 1/2"-2 1/2"	.20	25 pcs.	40 lbs.
4'	2"-3"	.27 1/2	25 pcs.	60 lbs.
5'	2 1/2"-3 1/2"	.34	25 pcs.	75 lbs.
6'	2 1/2"-3 1/2"	.39	25 pcs.	90 lbs.

GREEN ENAMELED PLANT STAKES

1,000 PIECES PER BUNDLE
F.O.B. Fostoria, Ohio

	No. 16 Gauge .0625"	No. 14 Gauge .080"
12" lengths	\$3.50	\$5.00
15" lengths	4.50	6.00
18" lengths	5.00	7.00
21" lengths	6.00	8.00
24" lengths	7.00	9.00
27" lengths	8.50	10.00
30" lengths	9.00	11.00
36" lengths	10.00	12.50
42" lengths	11.50	14.50
48" lengths	12.50	17.00

The No. 14 gauge is the more popular size.

HYACINTH STAKES

	Per 1000	Per Case 6000
12"	\$5.25	\$29.65
15"	5.90	33.40
18"	6.50	35.25

BAMBOO CANE STAKES

Dyed Green, of Pencil Thickness

	Per Bale	Price Per Bale
1 1/2 ft.	2,000	\$6.00
2 ft.	2,000	8.00
2 1/2 ft.	2,000	10.00
3 ft.	2,000	13.00
3 1/2 ft.	2,000	16.00
4 ft.	2,000	18.00

SPLIT BAMBOO STAKES

Dyed Green

	Per Bale	Price Per Bale
12 in.	5,000	\$10.00
15 in.	5,000	15.00
18 in.	5,000	20.00
24 in.	5,000	25.00

SUNDRIES

BADGER PAK

This feather light container, weighing less than one ounce is the ideal "Seedling Flat." It is formed from expandable polystyrene and because of the high insulating value of this material it offers advantages such as retaining moisture longer. Therefore, seedlings require less watering and by the same token reduces fertilizing to a minimum. Available in pastel green or white, this smartly designed Pak has eye as well as sales appeal.

Available in the following sizes:

#34B — 6 x 7 $\frac{1}{4}$ x 3"

#44B — 5 $\frac{1}{2}$ x 7 $\frac{1}{4}$ x 3"

Both Same Price

F.O.B. Wisconsin

Packed 225 per Carton

	Per 1,000
225 — 1,125	\$62.50
1,350 — 11,250	57.50
11,475 — 49,950	55.00
Over 50,175	52.50

WOOD VENEER PLANT BANDS

	Per 1,000
1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ x 2	\$5.70
1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ x 2 $\frac{1}{2}$	5.80
2 x 2 x 2	5.80
2 x 2 x 2 $\frac{1}{2}$	5.90
2 $\frac{1}{4}$ x 2 $\frac{1}{4}$ x 2 $\frac{1}{2}$	6.10
2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$	6.20
2 x 2 x 3	6.20
2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 3	6.60
3 x 3 x 3	7.00
3 x 3 x 4	7.20
4 x 4 x 3	7.30
4 x 4 x 4	8.20

LIGHT WOOD FLATS OR TRAYS

These Flats are ideal for growing and selling vegetable and flower plants.

No. 00—Holds Dozen 1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ x 2 $\frac{1}{2}$ Bands
No. 000—Holds Dozen 2 x 2 x 3 or 2 x 2 x 2 $\frac{1}{2}$ Bands

No.	50	100	1,000
No. 0000—Holds Dozen 2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 3 Bands			
No. X —Holds Six 3 x 3 x 3 Bands			
No. 00	\$2.40	\$4.10	\$40.00
No. 000	2.50	4.40	42.00
No. 0000	2.80	4.90	46.00
No. X	2.60	4.80	43.00

DA-COR POTS 3"

Non-fading, smooth plastic in modern color combinations. Three step design for both strength and eye appeal. Write for sample.

Packed 2,000 a case
Per 1,000

50,000 Up	\$18.75
49,000—9,999	19.00
1 case to 9,999	20.00

COLOR LUX POTS 3"

Same pot as above but without gold decorator markings. Same basic colors.

Packed 2,000 a case
Per 1,000

50,000 Up	\$14.00
49,000—9,999	15.00
1 case to 9,999	16.00

TESTWOOD POTS

Florist and nurserymen like the new Testwood pots for their excellent porosity—no special watering techniques are required. You can water plants in Testwood Pots in the same way you do in any other porous pots.

Stock No.	Approximate Dimensions O.D. Height	No. per Ctn.	Price per Ctn.	Price per 1,000		
				1000—4999	5000—24,999	25,000 or more
300	3" 3"	250	\$6.75	\$23.25	\$22.50	\$21.75
400	4" 3 $\frac{3}{8}$ "	200	8.00	36.00	34.50	33.00
500	5" 5"	100	7.00	64.00	61.00	58.00
600	6" 6"	50	5.50	96.00	92.00	88.00
600-1	6" 4 $\frac{1}{2}$ "	50	5.50	96.00	92.00	88.00

Minimum Order: One carton of a size. Shipping weight per carton approximately 30/35 lbs.
Sizes may be combined for quantity prices.

JIFFY POTS

Mod. No.	Top and	Diam. Shape	Depth of Pot	Lbs. per Case	Pots per Case	EASTERN STATES* Prices per 1000 Pots		
						1—9 Cases	10—24 Cases	25 Up Cases
115	1 $\frac{1}{2}$ "	Round	1 $\frac{1}{4}$ "	17	3000	\$ 5.70	\$ 5.40	\$ 5.10
217	1 $\frac{3}{4}$ "	Square	2 $\frac{1}{8}$ "	34	3000	7.20	6.85	6.50
122	2 $\frac{1}{4}$ "	Round	2 $\frac{1}{4}$ "	37	3000	7.50	7.15	6.80
222	2 $\frac{1}{4}$ "	Square	2 $\frac{1}{4}$ "	37	2500	8.40	8.00	7.60
130	3"	Round	3"	37	1500	13.30	12.65	12.00
230	3"	Square	3"	40	1000	16.00	15.25	14.50
140	4"	Round	4 $\frac{1}{2}$ "	35	500	29.50	28.00	26.50

* Western States: Add 5% to prices on shipments into Ariz., Alaska, Calif., Hawaii, Idaho, Nev., Oreg., Utah and Wash. Eastern prices apply to all other States.

Prices prepaid in lots of 5 cartons or more anywhere in the continental United States, excluding Alaska and Hawaii.

BIRD POTS

per 1,000 (sold in case lots only)

	2"	2 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	3"	3 $\frac{1}{2}$ "	4"
VITA POTS	\$16.05	\$16.45	\$17.05	\$19.15	—	\$28.25
Quantity per case.....	1000	1000	1000	1000		500
RED POTS	9.90	9.90	10.00	10.55	\$13.90	16.90
Quantity per case.....	2000	2000	2000	2000	1000	1000

BIRD PERENNIAL POTS

(Light Weight) (Sold in case lots only)

	Height	Top Diameter	Bottom Diameter	Quantity per Case	Price per 1,000
Mum pan	5"	8"	7"	200	\$65.00
Small perennials	5 $\frac{1}{2}$ "	5"	4"	200	47.50
Large perennials	6 $\frac{1}{2}$ "	6"	4 $\frac{1}{2}$ "	200	58.50
Roses, peonies and shrubs....	9 $\frac{1}{2}$ "	7"	5 $\frac{1}{2}$ "	200	69.00

BIRD BANDS

per 1,000 (sold in case lots only)

	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ x 2 $\frac{1}{2}$	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$ x 2 $\frac{1}{2}$	2 x 2 x 2 $\frac{1}{2}$	2 x 2 x 3	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x 3	3 x 3 x 3	4 x 4 x 3
VITA BAND 10.....	\$5.05	\$5.40	\$5.65	\$6.20	\$6.70	\$7.45	\$9.65
Quantity per case.....	2000	2000	2000	2000	2000	1000	1000
VITA BAND D.....	5.20	5.55	5.80	6.30	6.75	7.60	9.90
Quantity per case.....	2000	2000	2000	2000	2000	2000	1000
VITA BAND H.....	—	6.55	6.95	8.15	8.70	9.15	11.25
Quantity per case.....		1000	1000	1000	1000	1000	500

TOM THUMB FLATS

Designed to hold 1 dozen Vita-Bands. Size No. 1 holds 12 1 $\frac{3}{4}$ x 2 $\frac{1}{2}$ " Bands. No. 2 size holds 12 2 x 2 $\frac{1}{2}$ " Bands.

	Size No. 1	Size No. 2
Price per 100	\$44.70	\$49.60
Pack per case	250	250
Wt. per case	55 lbs.	62 lbs.

SOLD IN CASE LOTS ONLY

MEMO

Gloeckner

seeds, bulbs, plants and cuttings are selected with diligent care as to type, productivity and freedom from disease so that you may have the best with which to build your prospective crops. **Our interest in you and your crops by no means ends with the sale. We are more than anxious to have the materials we sell, grow and prove profitable to you.**

WARRANTY AND LIMITATION OF LIABILITY: Subject to the limitations of liability herein set forth, we warrant that the seeds or bulbs sold are as described on the container, within recognized tolerances. Our liability on this warranty is limited in amount to the purchase price of the seeds or bulbs. In no event shall we be liable for the crop, or for any loss due to the failure, impairment or quality thereof or varietal variance therein, whether such loss results from breach of the foregoing warranty, from breach of any other provision of the buyer's contract for purchase of said seeds or bulbs, or from any other cause.

BUSINESS TERMS:

ON OPEN ACCOUNT: (Seeds Only). For customers of Approved Credit 60 Days Net. The following discounts will be allowed on orders paid within 10 days: \$5.00 to \$25.00 2%—\$25.00 to \$100.00 5%—\$100.00 to \$300.00 8%—\$300.00 or more 10%.

CASH OR C.O.D. ORDERS: (Seeds Only). Under \$10.00 net—\$10.00 to \$25.00 5%—\$25.00 to \$100.00 8%—\$100.00 to \$300.00 10%—\$300.00 or over 12%.

Prices in this catalog are subject to change without notice . . .

All goods are offered subject to Crop Failures, Shortages or other causes beyond our control, and to being unsold on receipt of order. . . . The prices in this catalog are for the trade only. For your own protection do not loan this catalog to anyone not entitled to Florist or Wholesale prices. . . . Unknown correspondents desiring to open an account are requested to furnish three trade references with whom they have had credit relations.



Fred C.
Gloeckner
**&
Company,
Incorporated**

15 EAST 26th STREET
NEW YORK 10, NEW YORK
Phone ORegon 9-6460 - 6461

CABLE ADDRESS—"GLOECKNERS"

TWX—NY—1-2205

Fred C.
Gloeckner *+ Co., Inc.*
New York

1962

Flower Seeds • Carnation
and
Chrysanthemum Manuals